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October 15, 2016

Remediation and Reuse Branch Land and Chemicals Division United States Environmental Protection Agency, Region 5 77 West Jackson Boulevard, LU-9J Chicago, IL 60604

Attention: Ms. Jean Greensley

Corrective Action Section

Subject: Progress Report, Second and Third Quarters 2016

MAHLE Behr Properties Management, LLC

250 Northwoods Blvd.

Vandalia, Ohio

US EPA ID #OH0 000 048 454

Dear Ms. Greensley:

This submittal constitutes the progress report for work undertaken during the second and third quarters of 2016, related to the above-referenced Facility. As you are aware, MAHLE Behr Properties Management LLC ("MAHLE") continues to operate a migration control system and manage an existing remediation project at this location while MAHLE and the United States Environmental Protection Agency ("EPA") continue their negotiations.

Work Performed Second Quarter 2016 (April 1, 2016 – June 30, 2016) and Third Quarter 2016 (July 1, 2016 – September 30, 2016)

- Surface water samples from two (2) locations along the unnamed tributary of North Creek were collected and analyzed during the Second Quarter 2016 and Third Quarter 2016 (Figure 1, Table 2).
- Conducted six (6) rounds of Deep Bedrock (Sugar Rock) and Intermediate Bedrock water level measurements, two (2) rounds of Top-of-Rock water level measurements, and two (2) rounds of Overburden water level measurements (Figures 2-15; Attachment A).
- Collected and analyzed monthly samples from groundwater migration control system monitoring points, including Deep Bedrock and Overburden (Water Table/First Sand and Second Sand) influent streams prior to treatment, and treated groundwater effluent for compliance with NPDES permit (Table 3).
- Sampled a private potable water well at 10440 Cassel Road on May 20, 2016, as part of ongoing semi-annual monitoring at this location, and transmitted results to property owner. Results show no detections of constituents of concern.
- Continued to operate the groundwater migration control system. Second and third quarter 2016 monthly discharge reports, system activity logs, site inspection checklists, and system shutdown reports are included in Attachments C-F, respectively.

- Removed carbon and associated bag filters from the migration control treatment system during April, 2016, per approval from Ohio EPA.
- Conducted a surface geophysical survey during May 17-19, 2016, in selected areas along the north property boundary in an effort to identify the nature and location of the inferred vertical conduit in the Top-of-Rock unit in the vicinity of monitoring wells MW-423S and MW-424S.
- Reconfigured monitoring well MW-301D (deep bedrock monitoring well adjacent to deep bedrock recovery well) from a flush-mount to a stickup completion on September 1, 2016, to alleviate impact of local flooding near the well after precipitation events, which has impeded measurement of water levels.
- Off-site monitoring well MW-438D (located in a City right-of-way along Waller Avenue) was observed
 on September 2, 2016, to be covered by soil associated with site development activities at the corner
 of E. National Road and Waller Avenue. After contact with the property owner of the construction site,
 the well was uncovered and marked with a cone. The well did not appear to be damaged.
- Submitted Three-year Assessment Report and cost estimate for financial assurance to U.S. EPA on September 29, 2016. MAHLE had requested and received U.S. EPA approval of a 90-day extension for submittal of this report, which was originally due the end of June.
- Replaced bedrock groundwater recovery well pump on September 30, 2016.
- Continued to monitor water levels in the Top-of-Rock interval using pressure transducers deployed in five selected monitoring wells during November, 2015, as part of an evaluation of recently observed changes in Top-of-Rock groundwater flow patterns. Transducers were removed from the Top-of-Rock wells on August 2, 2016. Collection and review of data are underway.
- Continued discussions with Spears Property Management (Spears) regarding access to their property for groundwater and surface water monitoring, and planned installation of one new overburden monitoring well (referenced as Well A in the 2013 Three-year Assessment). Efforts to secure an access agreement have not been successful to date. Access for monitoring on this property is provided through the Environmental Covenant recorded March 11, 2008, and access continues to be granted verbally by the property owner for each routine monitoring event. In the recently submitted 2016 Three-year Assessment Report, based on the last three years of monitoring data in upgradient monitoring well MW-730 showing VOC concentrations have returned to near detection levels, Haley & Aldrich (H&A) has recommended that that the new monitoring well on Spears property not be installed. MAHLE will continue to pursue an access agreement with Spears covering work conducted on this property pursuant to the Order.
- Submitted Request for Risk-Based Cleanup associated with PCBs in concrete and soil on the
 demolished western portion of the site and discussed this submittal with U.S. EPA during a meeting
 between U.S. EPA and representatives from MAHLE and H&A on September 22, 2016. This included
 a risk assessment and a plan for excavation of "hot spots" in concrete and soil driving risk above U.S.
 EPA thresholds.
- Conducted one round of sampling associated with investigation of intermittent elevated TCE
 concentrations in the unnamed tributary to North Creek on August 18, 2016. This round of sampling
 included collection of thirteen (13) grab samples covering surface water, storm sewer discharges to the
 Post 3 junction box, and related storm sewer manholes. Data evaluation is underway.

Data Collected

- Analytical results for surface water samples collected at the unnamed tributary to North Creek are included in Table 2 and illustrated on Figure 1.
- Analytical results for monthly migration control system samples are presented in Table 3.
- Analytical results from sampling of surface water, storm sewer outfalls, and storm sewer manholes will be summarized in a separate report after completion of the investigation.

Performance Evaluation and Problems Encountered

- The bedrock groundwater migration control system was operational for approximately 88% of the second and third quarters of 2016. System downtime was related primarily to maintenance issues including: backwashing of the carbon filters, high level in air stripper sump due to increased influent flow from precipitation events, testing of system components, response to a treatment system upset, and failure of the bedrock recovery well pump. The primary downtime was related to two system shutdowns due to a treatment system upset in April (10 days) and a bedrock pump failure and replacement during September (8 days). Excluding those two events, the system was in operation approximately 97% of the time period.
- DNAPL recovery wells were inspected for the presence of DNAPL in both the second and third
 quarters of 2016. Based on bailer checks, no wells contained visible DNAPL; accordingly, no DNAPL
 recovery was performed during these quarters.
- A migration control treatment system upset was encountered during April, 2016, resulting in an
 exceedance of NPDES permit limitations for VOCs discharged to an unnamed tributary to the Great
 Miami River. Reporting of the upset was provided to Ohio EPA in accordance with the associated
 Ohio EPA NPDES Permit. As a result of the upset, the migration control system was out of operation
 for approximately 10 days between April 19 and April 29. System modifications were implemented to
 prevent recurrence.
- The bedrock recovery well pump failed on September 22, 2016. This is within the expected operating life range for this pump, which has typically been replaced at a frequency of approximately 18 months. This pump was replaced and system operations were restored on September 30, 2016.
- Remote communication with the groundwater migration control system PLC was lost on August 26, 2016, due to failure of the plant phone system. Outgoing communication was restored on September 7, 2016, providing alarm notification by phone and fax and daily fax notification of operating status. Dial-in connection has not been restored for remote monitoring and control. Long term remote communication alternatives are currently under consideration.
- A new planned overburden well, identified in the sampling schedule as Well A, has not yet been installed. Installation of this well, planned on Spears property north of Northwoods Blvd., has been delayed pending finalization of an access agreement with the property owner. In the recently submitted Three-year Assessment Report, based on the last three years of monitoring data in upgradient monitoring well MW-730 trending to near non-detect levels for VOCs, H&A has recommended that the new well on Spears property not be installed.

- Since January, 2014, a hydraulic low related to downward flow of groundwater from the Top-of-Rock interval to the Deep Bedrock interval (where it is captured by the Groundwater Migration Control System) appears to have shifted. Prior to this date, the center of this feature was located near MW-424S, which consistently had exhibited the lowest water level compared to surrounding Top-of-Rock wells. Since this date, MW-423S has exhibited the lowest water level in this area. Shifting patterns of groundwater flow in the Top-of-Rock interval are being evaluated using pressure transducers, which were deployed in five Top-of-Rock wells between November 2015 and August 2016. Also, a surface geophysical survey was conducted on May 17-19, 2016, in selected areas along the north property boundary, in an effort to identify the nature and location of the inferred vertical conduit, assumed to be one or more improperly abandoned historic water supply wells. Two prominent magnetic anomalies were identified in the vicinity of MW-424S and MW-423S, which appear to coincide with former structures shown on historical aerial photographs. The outcome of the evaluation of the Top-of-Rock hydraulic low will be presented to the EPA in a separate document at a future date.
- Rising VOC concentrations have been observed at Water Table monitoring well MW-806. While historical VOC concentrations in this well have been at or near detectable limits, concentrations in groundwater samples collected between 2014 and 2016 have exhibited pronounced rising trends for several compounds. Concentrations of cis-1,2-DCE have risen from below detectable limits to 16,000 ug/l in the most recent sample collected in February, 2016. Also, concentrations of 1,1-DCA and vinyl chloride have risen from below detectable limits to 290 ug/l and 36 ug/l, respectively, in the most recent sample. The rising concentration trends at MW-806 suggest locally changing site conditions. Recently installed downgradient monitoring wells MW-814 and MW-815; which are screened across the Water Table and First Sand intervals, have shown no detections of VOCs. Two additional monitoring wells were proposed in the recently submitted Three-year Assessment Report (one between MW-814 and MW-815 and one between MW-814 and MW-810) to improve downgradient spacing of the monitoring well network and enhance monitoring of potential plume movement.
- Intermittent elevated VOC concentrations have been observed in surface water samples collected from
 the unnamed tributary to North Creek. The series of concentration peaks, which typically occur during
 wetter seasons, have suggested a generally increasing trend in VOC concentrations. An investigation
 to identify possible sources of VOCs in surface water is currently in progress.

Project Schedule

An updated project schedule is included in Attachment G.

Feel free to contact me at (248) 743-3758 if you have any questions or require additional information.

Sincerely,

Samus And

James Hunt

Project Manager for MAHLE Behr Properties LLC

MAHLE Industries, Incorporated

jim.hunt@us.mahle.com

Enclosures:

Tables

- 1 Schedule of Groundwater Sampling/Water Level Measurements
- 2 Second Quarter and Third Quarter 2016 Analytical Results, Surface Water Samples
- 3 Second Quarter and Third Quarter 2016 Performance Monitoring Analytical Data, Groundwater Migration Control System

Figures

- 1 Second and Third Quarter 2016 TCE in Surface Water
- 2 Potentiometric Surface Contours, Shallow Water Table Zone, 23 June 2016
- 3 Potentiometric Surface Contours, Shallow Water Table Zone, 19 August 2016
- 4 Potentiometric Surface Contours, First Sand Zone, 23 June 2016
- 5 Potentiometric Surface Contours, First Sand Zone, 19 August 2016
- 6 Potentiometric Surface Contours, Second Sand Zone, 23 June 2016
- 7 Potentiometric Surface Contours, Second Sand Zone, 19 August 2016
- 8 Potentiometric Surface Contours, Top of Bedrock Zone, 3 May 2016
- 9 Potentiometric Surface Contours, Top of Bedrock Zone, 12 July 2016
- 10 Deep Bedrock Potentiometric Surface Contours, 1 April 2016
- 11 Deep Bedrock Potentiometric Surface Contours, 25 May 2016
- 12 Deep Bedrock Potentiometric Surface Contours, 13 June 2016
- 13 Deep Bedrock Potentiometric Surface Contours, 7 July 2016
- 14 Deep Bedrock Potentiometric Surface Contours, 3 August 2016
- 15 Deep Bedrock Potentiometric Surface Contours, 2 September 2016

Attachments

- A Water Level Measurements
- B Data Usability Summary Reports
- C Groundwater Migration Control System Monthly Discharge Reports
- D Groundwater Migration Control System Activity Log
- E Groundwater Migration Control System Inspection Checklists
- F Bedrock Groundwater Migration Control System Shutdown Reports
- G Project Schedule

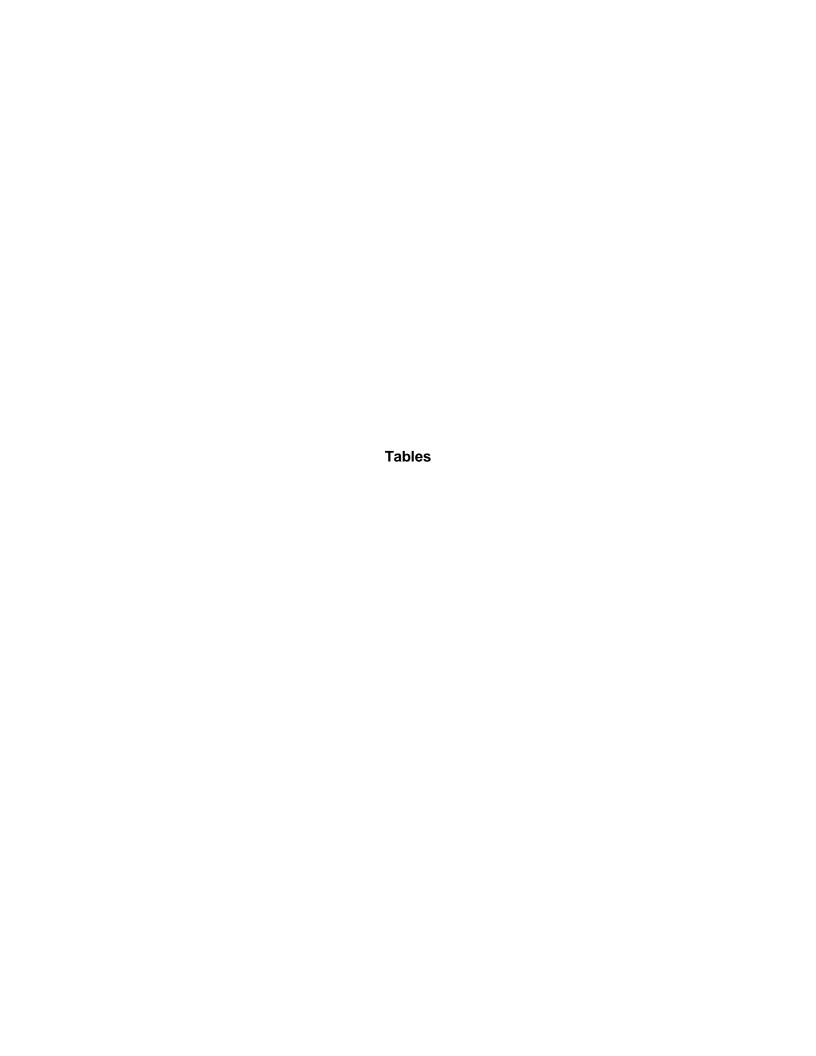


TABLE 1 2016-2017 GROUNDWATER SAMPLING / WATER LEVEL MEASUREMENTS MAHLE BEHR DAYTON LLC - VANDALIA, OHIO

Frequency 2Q-2016 3Q-2016 4Q-2016 1Q-2017

Sampling	
Location	

Unit

Location	Oilit	rrequerioy	24 20.0	04 20:0	1	9
CSX-18D	SR	15 months				
MW-402D	SR	15 months				
MW-411D	SR	15 months				
MW-412D	SR	15 months				
MW-413D	SR	9 months			✓	
MW-416D	SR	9 months			√	
MW-417D	SR	9 months			✓	
MW-418D	SR	9 months			✓	
MW-420M	MB	9 months			✓	
MW-420D	SR	9 months			✓	
MW-424D	SR	15 months				
MW-434D	SR	15 months				
MW-435D	SR	15 months				
MW-444D	SR	15 months				
MW-453D	SR	15 months				
	T	T	1			
MW-301S	TOR	15 months				
MW-415S	TOR	15 months				
MW-425S	TOR	9 months			√	
MW-426S	TOR	15 months				
MW-445S	TOR	15 months				
MW-446S	TOR	15 months				
MW-784	WT	15 months				
MW-806	WT	9 months			√	
MW-810	WT	9 months			√	
MW-607	WT/S1	9 months			√	
MW-729	WT/S1	15 months				
MW-734	WT/S1	15 months				
MW-775	WT/S1	9 months			✓	
MW-793	WT/S1	15 months				
MW-796	WT/S1	15 months				
MW-776	WT/S1	9 months			√	
VPW-103	WT/S1	15 months				
MW-730	S1	9 months			✓	
MW-732	S1	9 months			✓	
MW-809	S1/S2	15 months				
MW-787	WT	15 months				
MW-715	S1	15 months				
Well A*	S1	9 months			√	
MW-814	WT/S1	9 months			√	
MW-815	WT/S1	9 months			✓	
	12-	1.		1	1	·-
MW-515	S2	15 months			,	

MW-515	S2	15 months	
MW-605	S2	9 months	√
MW-717	S2	9 months	√
MW-725	S2	9 months	√
MW-731	S2	9 months	√
MW-740	S2	9 months	√
MW-741	S2	9 months	√
MW-742	S2	15 months	
MW-743	S2	9 months	√
MW-746	S2	15 months	
MW-759	S2	9 months	√
MW-800	S2	9 months	√
MW-807	S2	15 months	

SW-1	North Creek	Quarterly	✓	✓	✓	✓
SW-4	North Creek	Quarterly	✓	✓	✓	✓
B005	SR Spring	9 months			✓	
B006	SR Spring	9 months			✓	
C001	SR Spring	9 months			✓	
D001	SR Spring	9 months			✓	
E001	SR Spring	9 months			✓	
E002	SR Spring	9 months			✓	
F001	SR Spring	9 months			✓	
G004	SR Spring	9 months			✓	
G006	SR Spring	9 months			✓	

Water Level Measurements

Unit	Frequency
All SR / MB wells	Monthly
All TOR wells	Quarterly
All Overburden wells	Quarterly

Unit Key

Unit	Description
WT	Water Table
	First Sand
S2	Second Sand
TOR	Top Of Rock
MB	Middle Brassfield
SR	Sugar Rock

Notes:

 * Denotes wells to be installed and their sampling schedule. Actual well nomenclature will be made after installation.

TABLE 2
SECOND QUARTER AND THIRD QUARTER 2016 ANALYTICAL RESULTS
SURFACE WATER SAMPLES
MAHLE BEHR DAYTON LLC - VANDALIA, OHIO

	Location Group		North Creek			
	Location	SW-1	SW-1	SW-4	SW-4	
	Sample Date	06/29/2016	08/18/2016	06/29/2016	08/18/2016	
	Sample Type	N	N	N	N	
Volatile Organic Compoun 1,1,1-Trichloroethane	nds (ug/L)	< 1	0.63 J	4.1	12	
1,1-Dichloroethane		< 1	< 1	1.1 J	1.4 J	
cis-1,2-Dichloroethene Trichloroethene		0.67 J 0.83 J	3.2 8.2	33 42	53 140	
Vinyl chloride		< 1	< 1	1.9	2.4 J	

- 1. Summary includes compounds detected in one or more samples
- 2. Analysis methods SW8260.
- 3. See Figure 1 for sample locations.
- 4. <: Result is below the indicated reporting limit.
 - J: Estimated result.
- 5. Sample type codes: N Normal

TABLE 3
SECOND QUARTER AND THIRD QUARTER 2016
PERFORMANCE MONITORING ANALYTICAL DATA
GROUNDWATER MIGRATION CONTROL SYSTEM
MAHLE BEHR DAYTON LLC - VANDALIA, OHIO

	BRIN-041416	OBIN-041416	SSIN-041416	PREAS-041416	PRECAR-041416	EFF-041416
	04/14/2016	04/14/2016	04/14/2016	04/14/2016	04/14/2016	04/14/2016
	Sugar Rock	Overburden	Second Sand		Pre Carbon	
	Recovery Well	Recovery Well	Recovery Well	Pre Air Stripper	Vessels	Effluent
Volatile Organic Compounds (ug/L)						
1,1,1-Trichloroethane	< 50	551	< 200	< 100	< 50	< 50
1,1-Dichloroethane	< 50	< 400	213	< 100	< 50	< 50
cis-1,2-Dichloroethene	847 F1	1320	2400	1100	296	322
Trichloroethene	2610	14600	10100	4410	1300	1190
Lab Method: SM4500 H+B						
pH (lab) - S.U. (standard units)	-	-	-	7.19 HF	-	7.53 HF

- 1. < #: The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
- 2. Results in bold are detected.
- 3. Analysis method for Volatile Organic Compounds is EPA 624.
- 4. Lab qualifiers:
 - F1: MS and/or MSD Recovery is outside acceptance limits.
- HF: Field parameter with a holding time of 15 minutes.

TABLE 3
SECOND QUARTER AND THIRD QUARTER 2016
PERFORMANCE MONITORING ANALYTICAL DATA
GROUNDWATER MIGRATION CONTROL SYSTEM
MAHLE BEHR DAYTON LLC - VANDALIA, OHIO

	PREAS-041916 04/19/2016		
	Pre Air Stripper	Vessels	Effluent
Volatile Organic Compounds (ug/L)			
1,1,1-Trichloroethane	< 50	< 1	< 10
1,1-Dichloroethane	< 50	< 1	< 10
cis-1,2-Dichloroethene	746	< 1	100
Trichloroethene	2430	1.31	255
Lab Method: SM4500 H+B			
pH (lab) - S.U. (standard units)	7.13 HF	-	8.40 HF

- 1. < #: The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
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PERFORMANCE MONITORING ANALYTICAL DATA
GROUNDWATER MIGRATION CONTROL SYSTEM
MAHLE BEHR DAYTON LLC - VANDALIA, OHIO

	BRIN-050516 05/05/2016 Sugar Rock	OBIN-050516 05/05/2016 Overburden	PREAS-050516 05/05/2016	PREBF-050516 05/05/2016	EFF-050516 05/05/2016
	Recovery Well	Recovery Well	Pre Air Stripper	Pre Bag Filter	Effluent
Volatile Organic Compounds (ug/L)					
1,1,1-Trichloroethane	< 50	331	< 100	< 1	< 1
1,1-Dichloroethane	< 50	< 200	< 100	< 1	< 1
cis-1,2-Dichloroethene	951	1380	987	< 1	< 1
Trichloroethene	2630	13100	3460	1.61	< 1
Lab Method: SM4500 H+B pH (lab) - S.U. (standard units)	-	-	7.41	-	8.60

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TABLE 3
SECOND QUARTER AND THIRD QUARTER 2016
PERFORMANCE MONITORING ANALYTICAL DATA
GROUNDWATER MIGRATION CONTROL SYSTEM
MAHLE BEHR DAYTON LLC - VANDALIA, OHIO

	PREAS-051616 05/16/2016	PREBF-051616 05/16/2016	EFF-051616 05/16/2016
	Pre Air Stripper	Pre Bag Filter	Effluent
Volatile Organic Compounds (ug/L)			
1,1,1-Trichloroethane	< 100	< 1	< 1
1,1-Dichloroethane	< 100	< 1	< 1
cis-1,2-Dichloroethene	967	< 1	< 1
Trichloroethene	4070	< 1	< 1
Lab Method: SM4500 H+B			
pH (lab) - S.U. (standard units)	7.46 HF	-	8.67 HF

- 1. < #: The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
- 2. Results in bold are detected.
- 3. Analysis method for Volatile Organic Compounds is EPA 624.
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 - F1: MS and/or MSD Recovery is outside acceptance limits.
- HF: Field parameter with a holding time of 15 minutes.

TABLE 3
SECOND QUARTER AND THIRD QUARTER 2016
PERFORMANCE MONITORING ANALYTICAL DATA
GROUNDWATER MIGRATION CONTROL SYSTEM
MAHLE BEHR DAYTON LLC - VANDALIA, OHIO

	BRIN-061016	OBIN-061016	SSIN-061016	PREAS-061016	PREBF-061016	EFF-061016
	06/10/2016	06/10/2016	06/10/2016	06/10/2016	06/10/2016	06/10/2016
	Sugar Rock Recovery Well	Overburden Recovery Well	Second Sand Recovery Well	Pre Air Stripper	Pre Bag Filter	Effluent
Volatile Organic Compounds (ug/L)						
1,1,1-Trichloroethane	< 50	171	< 200	65.8	< 1	< 1
1,1-Dichloroethane	< 50	< 100	< 200	< 50	< 1	< 1
cis-1,2-Dichloroethene	717	422	2460	653	< 1	< 1
Trichloroethene	2360	5090	12000	3930	1.19	1.34
Lab Method: SM4500 H+B						
pH (lab) - S.U. (standard units)	-	-	-	7.18 HF	-	8.55 HF

- 1. < #: The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
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TABLE 3
SECOND QUARTER AND THIRD QUARTER 2016
PERFORMANCE MONITORING ANALYTICAL DATA
GROUNDWATER MIGRATION CONTROL SYSTEM
MAHLE BEHR DAYTON LLC - VANDALIA, OHIO

	BRIN-070616 07/06/2016 Sugar Rock	OBIN-070616 07/06/2016 Overburden	SSIN-070616 07/06/2016 Second Sand	PREAS-070616 07/06/2016	PREBF-070616 07/06/2016	EFF-070616 07/06/2016
	Recovery Well	Recovery Well	Recovery Well	Pre Air Stripper	Pre Bag Filter	Effluent
Volatile Organic Compounds (ug/L)						
1,1,1-Trichloroethane	< 50	351	< 200	< 100	< 1	< 1
1,1-Dichloroethane	< 50	65.8	217	< 100	< 1	< 1
cis-1,2-Dichloroethene	690	1040	2350	777	< 1	< 1
Trichloroethene	1880	8840	9540	2620	< 1	< 1
Lab Method: SM4500 H+B pH (lab) - S.U. (standard units)	-	-	-	7.27 HF	-	8.24 HF

- 1. < #: The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
- 2. Results in bold are detected.
- 3. Analysis method for Volatile Organic Compounds is EPA 624.
- 4. Lab qualifiers:
 - F1: MS and/or MSD Recovery is outside acceptance limits.
- HF: Field parameter with a holding time of 15 minutes.

TABLE 3
SECOND QUARTER AND THIRD QUARTER 2016
PERFORMANCE MONITORING ANALYTICAL DATA
GROUNDWATER MIGRATION CONTROL SYSTEM
MAHLE BEHR DAYTON LLC - VANDALIA, OHIO

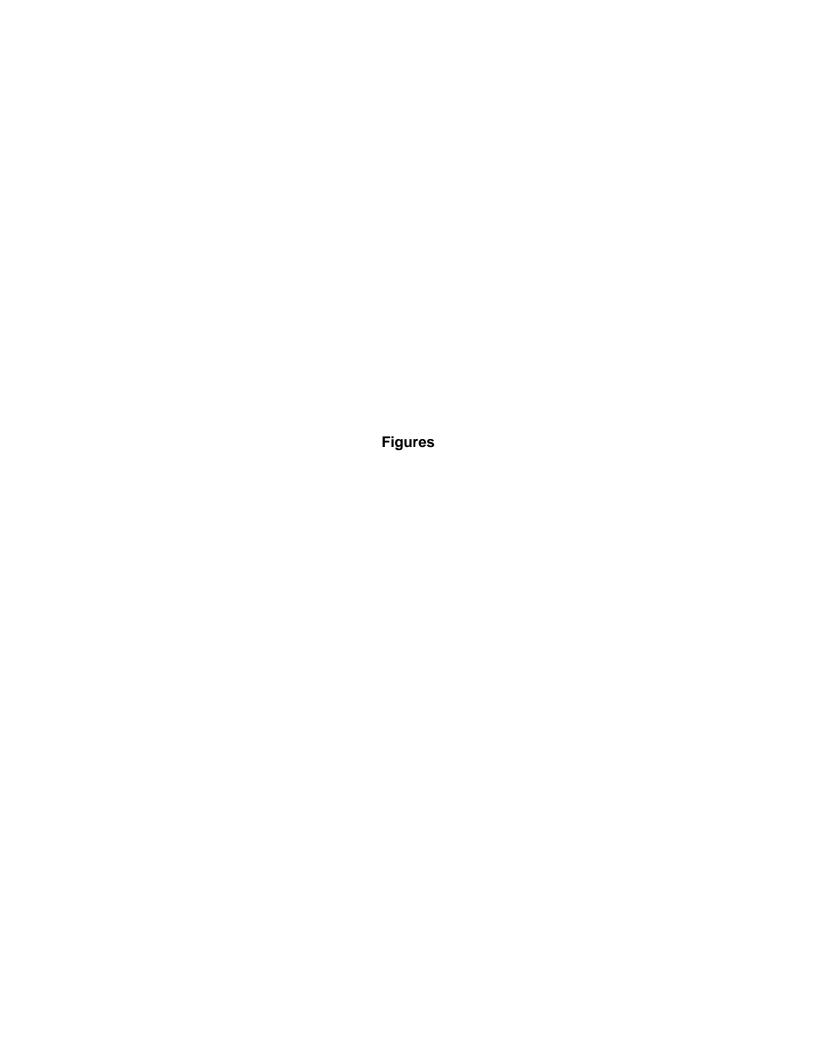
	BRIN-080216-1125 08/02/2016 Sugar Rock	SSIN-080216-1140 08/02/2016 Second Sand	PREAS-080216-1100 08/02/2016	EFF-080216-1115 08/02/2016
	Recovery Well	Recovery Well	Pre Air Stripper	Effluent
Volatile Organic Compounds (ug/L)				
1,1,1-Trichloroethane	< 40	< 40	< 50	< 1
1,1-Dichloroethane	< 40	< 40	< 50	< 1
cis-1,2-Dichloroethene	630	589	694	< 1
Trichloroethene	1990	1960	2360	1.17
Lab Method: SM4500 H+B pH (lab) - S.U. (standard units)	-	-	7.2 HF	8.6 HF

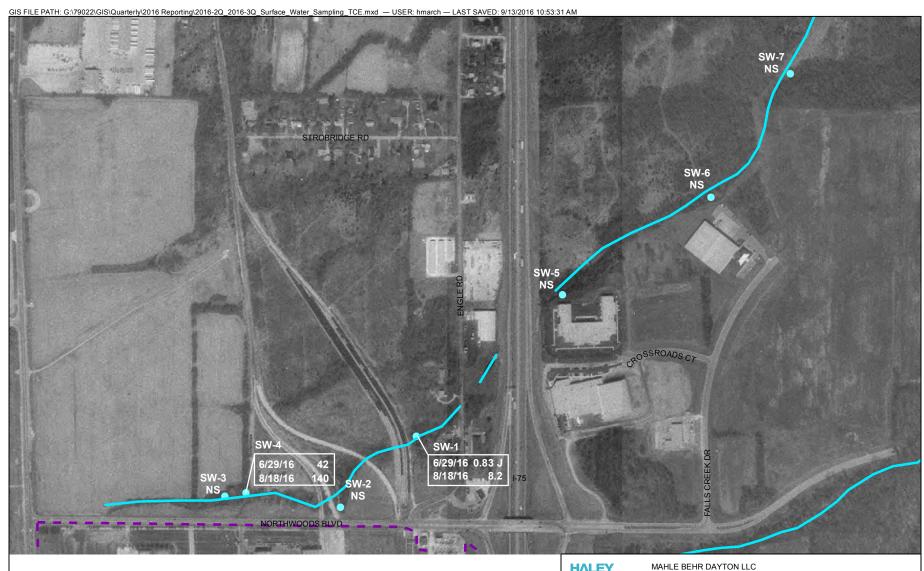
- 1. < #: The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
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- 4. Lab qualifiers:
 - F1: MS and/or MSD Recovery is outside acceptance limits.
 - HF: Field parameter with a holding time of 15 minutes.

TABLE 3
SECOND QUARTER AND THIRD QUARTER 2016
PERFORMANCE MONITORING ANALYTICAL DATA
GROUNDWATER MIGRATION CONTROL SYSTEM
MAHLE BEHR DAYTON LLC - VANDALIA, OHIO

	BRIN-090616	OBIN-090616	SSIN-090616	PREAS-090616	EFF-090616
	09/06/2016	09/06/2016	09/06/2016	09/06/2016	09/06/2016
	Sugar Rock	Overburden	Second Sand		
	Recovery Well	Recovery Well	Recovery Well	Pre Air Stripper	Effluent
Volatile Organic Compounds (ug/L)					
1,1,1-Trichloroethane	< 50	362	< 200	< 50	< 1
1,1-Dichloroethane	< 50	< 250	200	< 50	< 1
cis-1,2-Dichloroethene	643	1320	2420	717	< 1
Trichloroethene	2070	13100	10800	2870	1.39
Lab Method: SM4500 H+B					
pH (lab) - S.U. (standard units)	-	-	-	7.2 HF	8.6 HF

- 1. < #: The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
- 2. Results in bold are detected.
- 3. Analysis method for Volatile Organic Compounds is EPA 624.
- 4. Lab qualifiers:
- F1: MS and/or MSD Recovery is outside acceptance limits.
- HF: Field parameter with a holding time of 15 minutes.





LEGEND

APPROXIMATE FACILITY BOUNDARY

APPROXIMATE LOCATION OF THE UNNAMED TRIBUTARY OF NORTH CREEK

SW-1 APPROXIMATE SAMPLE LOCATION

WITH TCE RESULT IN ug/l

NOT SAMPLED





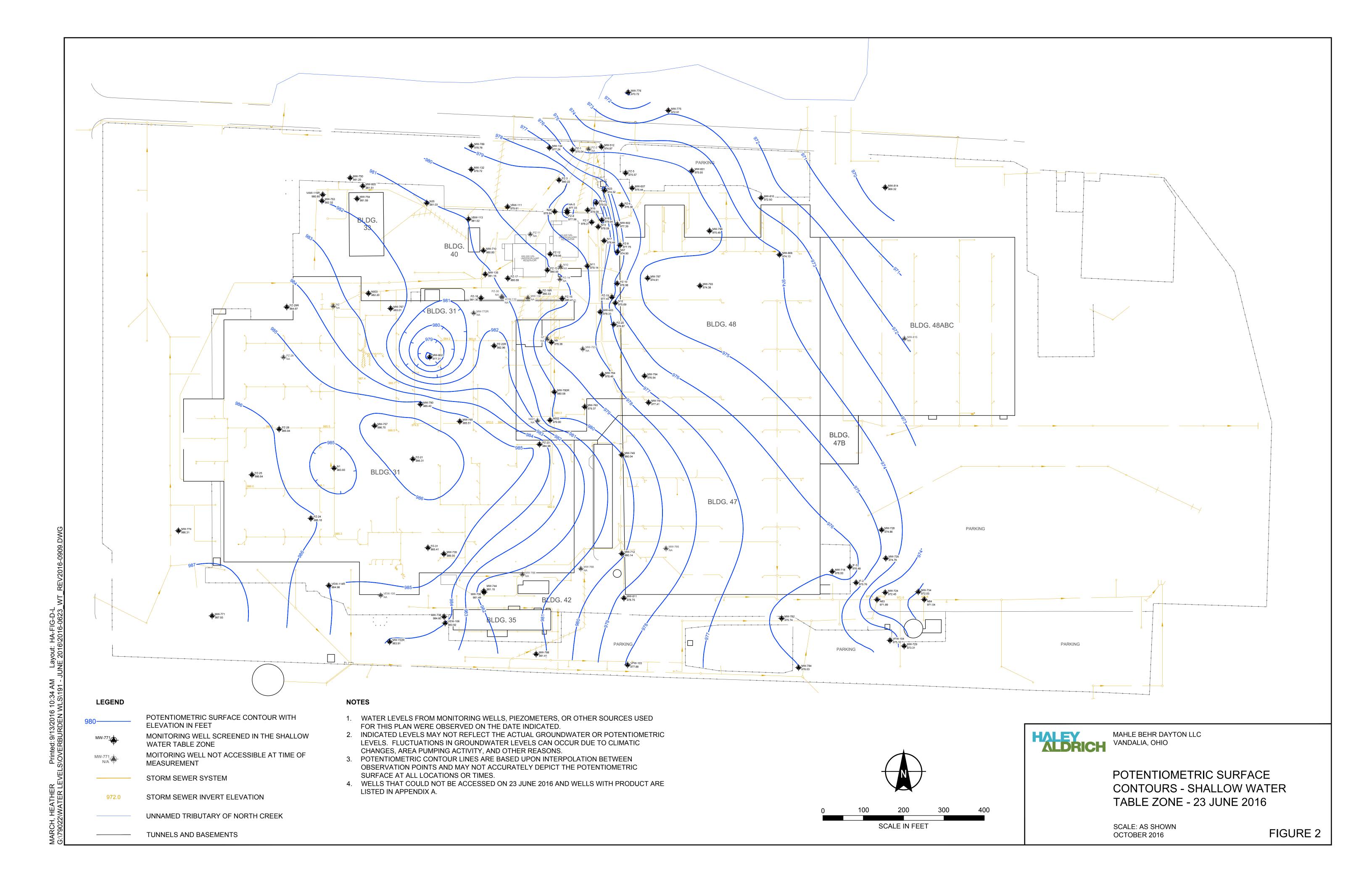
HALEY ALDRICH

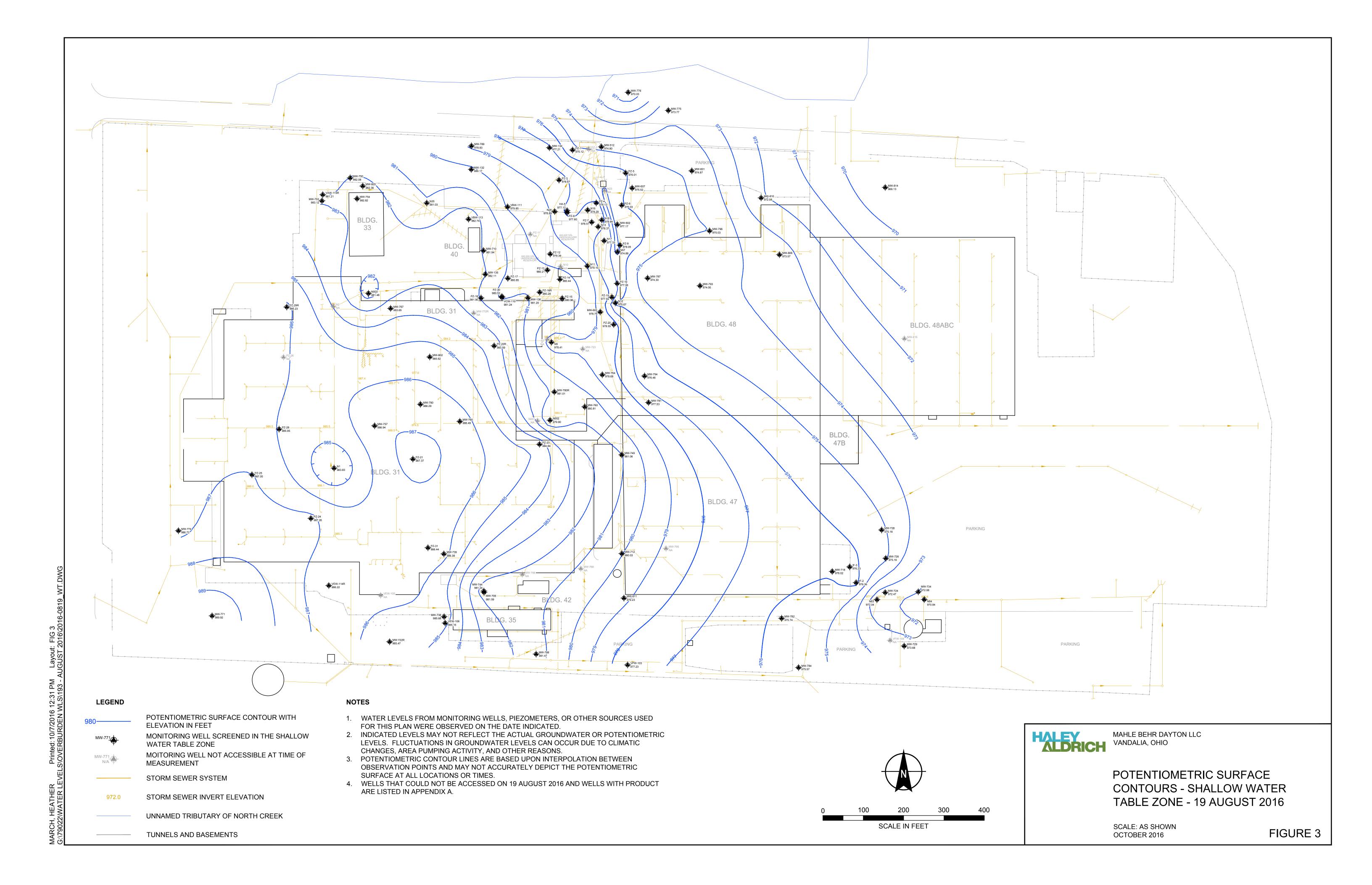
MAHLE BEHR DAYTON LLC VANDALIA, OHIO

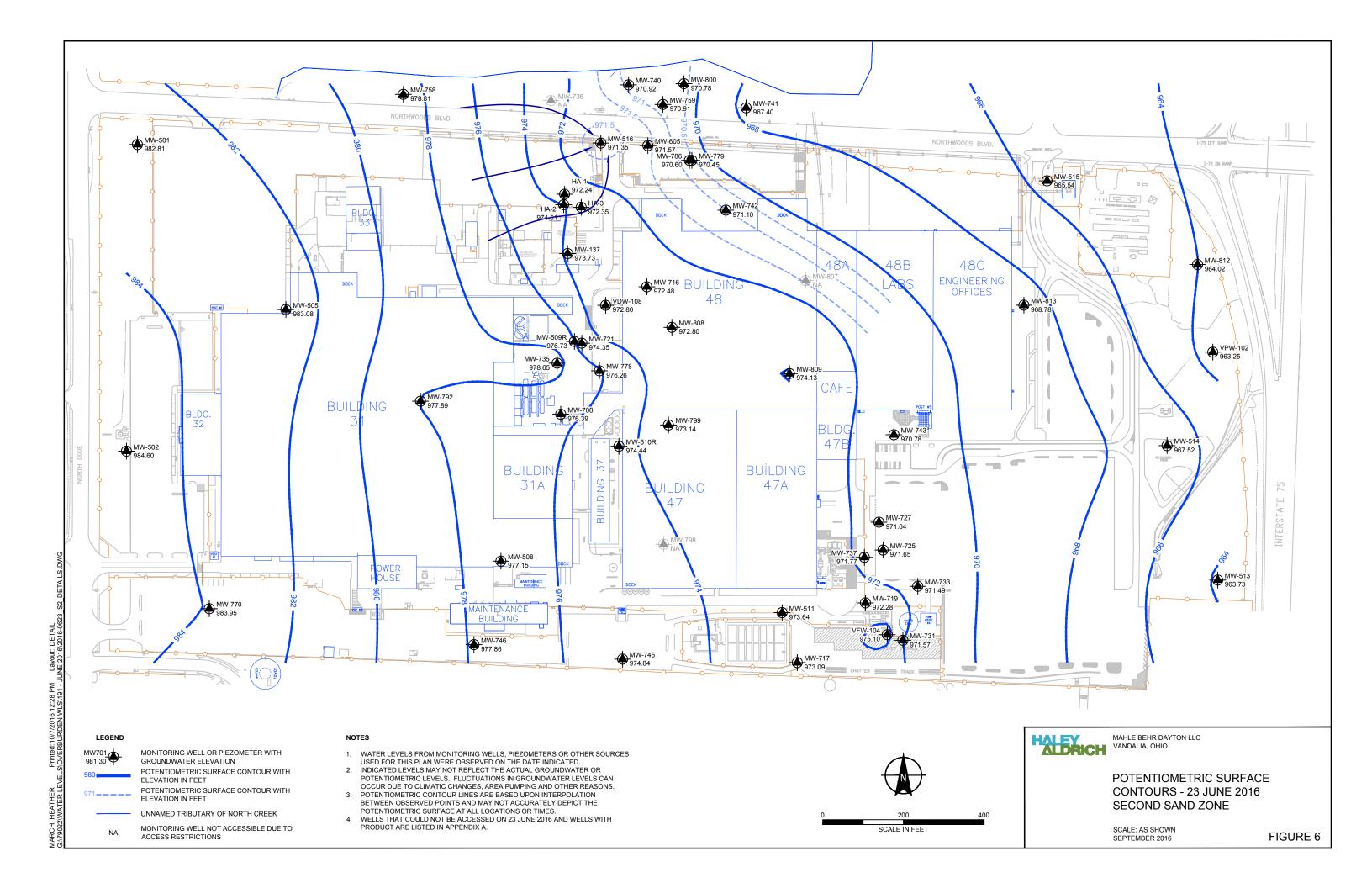
SECOND & THIRD QUARTER 2016 SURFACE WATER SAMPLING LOCATIONS AND TCE RESULTS

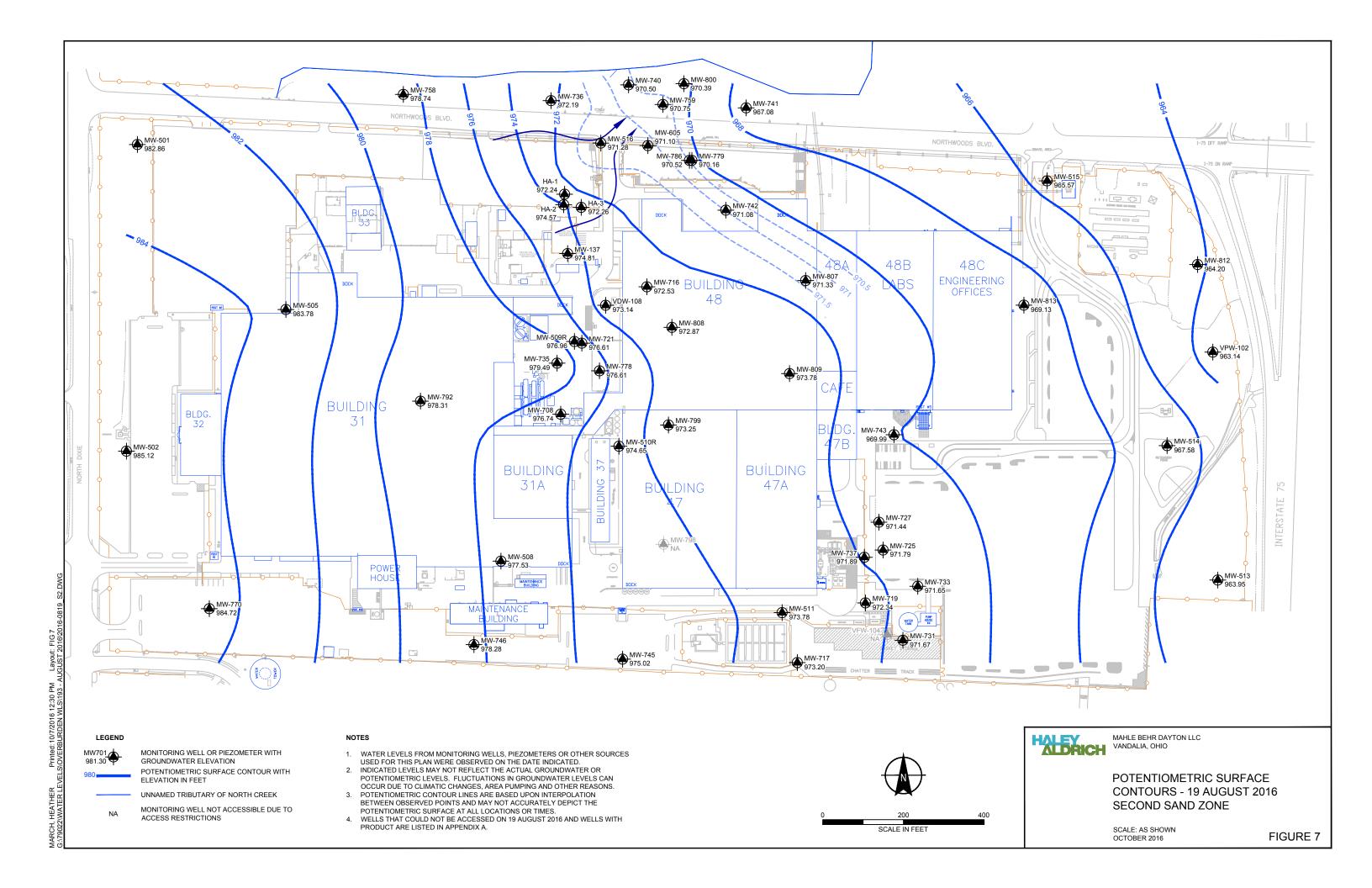
SCALE: AS SHOWN OCTOBER 2016

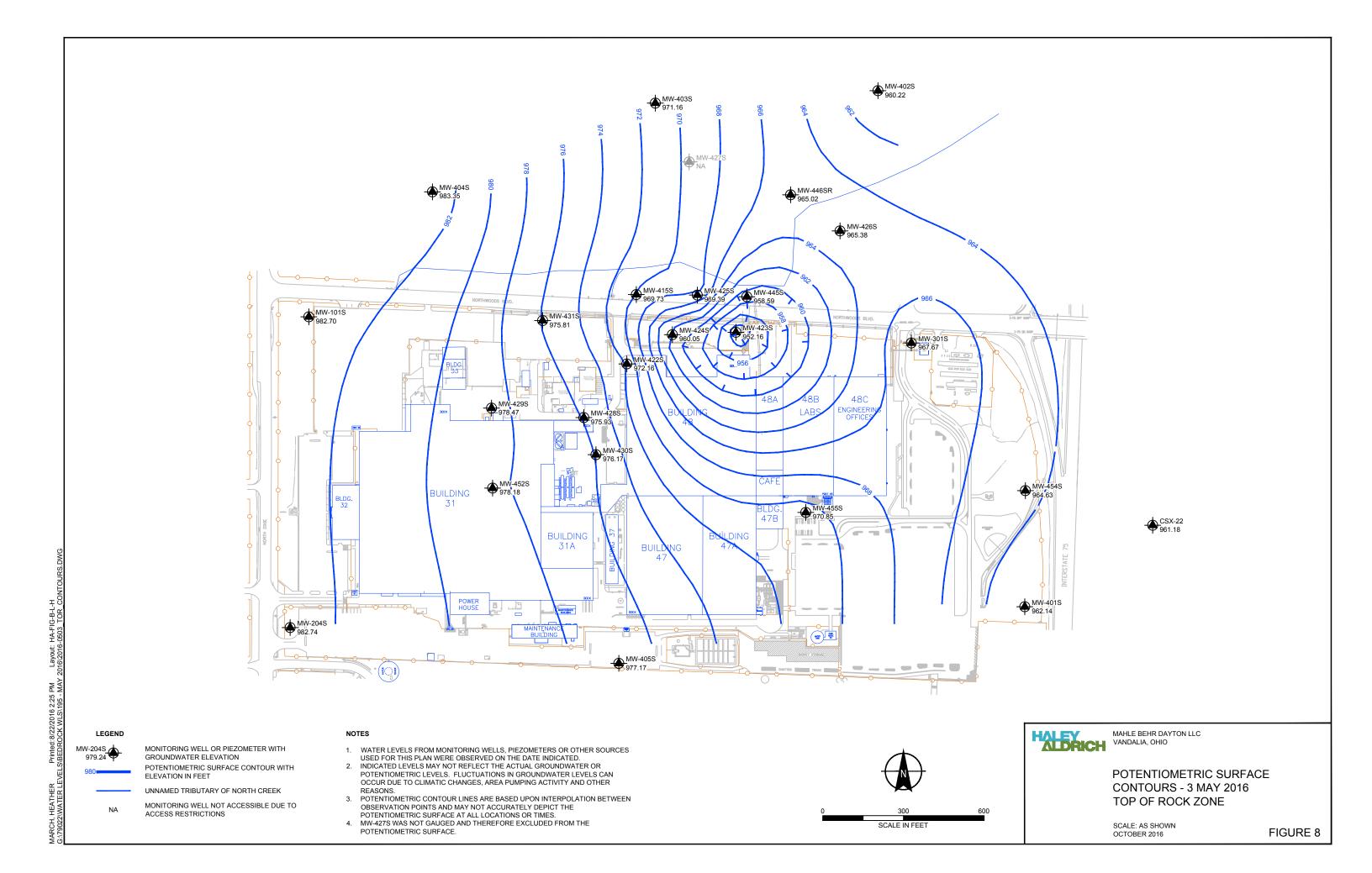
FIGURE 1

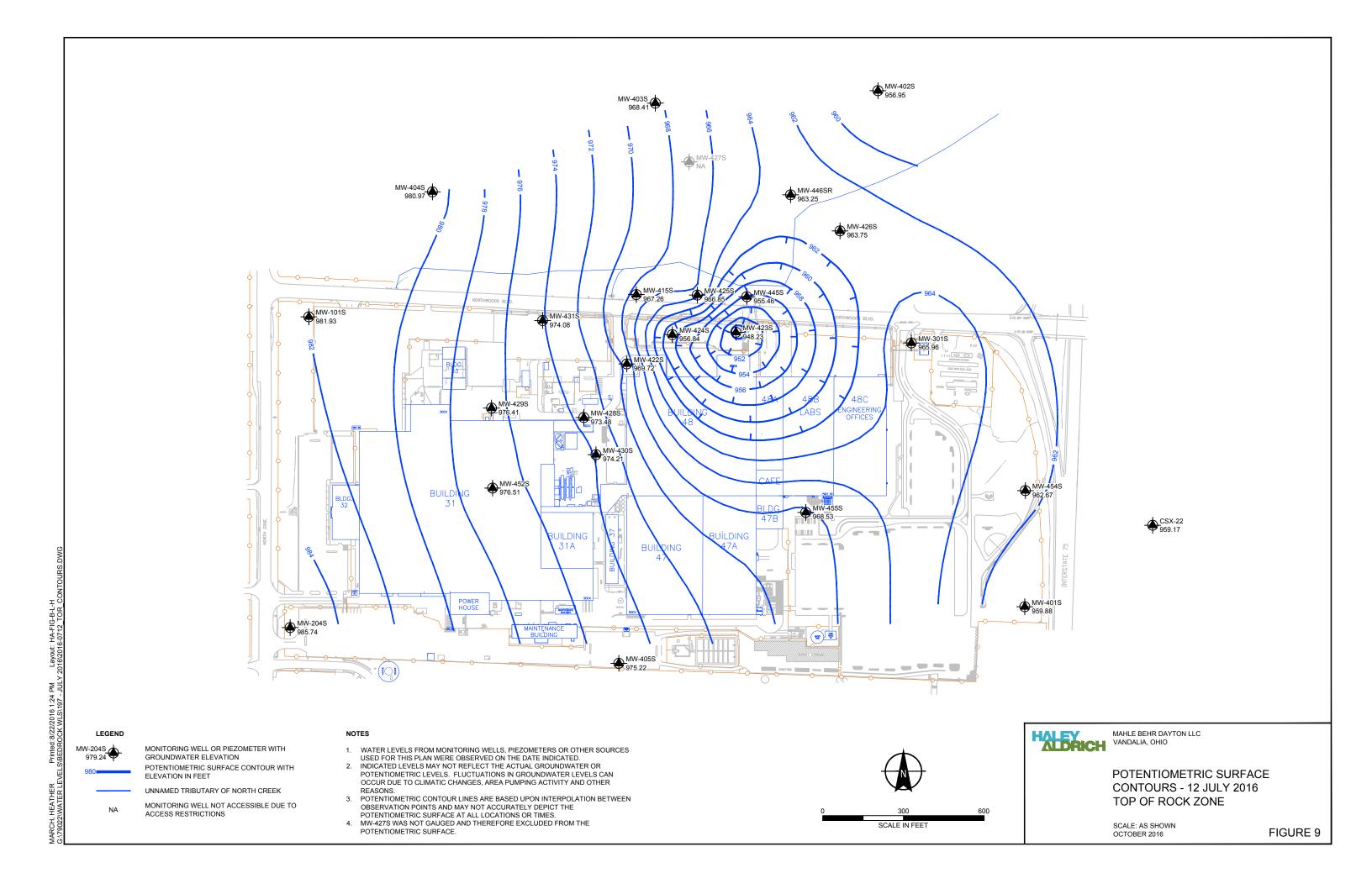












Attachment A Water Level Measurements

ATTACHMENT A
MONTHLY GROUNDWATER ELEVATION DATA
BEDROCK MONITORING WELLS
APRIL 2016
MAHLE BEHR DAYTON LLC - VANDALIA, OHIO

Monitoring Well ID	Well Type	Date	Time	Water Level	Top of Riser Elevation	Groundwater Elevation	Remarks
Well ID	Type			(ft)	(ft)	(ft)	
CSX-18D	SR	4/1/2016	10:50	20.96	964.96	944.00	
MW-101D	SR	4/1/2016	12:20	38.41	988.15	949.74	
MW-204D	SR	4/1/2016	12:16	28.95	994.26	965.31	
MW-301D	SR	4/1/2016	11:35	26.85	970.44	943.59	
MW-401D	SR	4/1/2016	11:40	30.75	974.57	943.82	
MW-402D	SR	4/1/2016	11:45	20.43	966.36	945.93	
MW-403D	SR	4/1/2016	11:50	29.07	977.36	948.29	
MW-404D	SR	4/1/2016	12:13	37.72	988.83	951.11	
MW-405D	SR	4/1/2016	11:55	33.36	982.45	949.09	
MW-407D	SR	4/1/2016	14:30	13.05	956.24	943.19	
MW-408D	SR	4/1/2016	14:40	13.86	957.07	943.21	
MW-409D	SR	4/1/2016	15:05	5.93	942.49	936.56	
MW-410D	SR	4/1/2016	14:52	8.84	947.63	938.79	
MW-411D	SR	4/1/2016	13:48	24.85	943.43	918.58	
MW-412D	SR	4/1/2016	13:53	23.11	949.64	926.53	
MW-413D	SR	4/1/2016	11:15	26.52	970.13	943.61	
MW-414D	SR	4/1/2016	11:25	28.20	971.91	943.71	
MW-416D	SR	4/1/2016	10:40	22.22	965.84	943.62	
MW-417D	SR	4/1/2016	11:00	21.30	964.96	943.66	
MW-418D	SR	4/1/2016	10:30	21.40	965.06	943.66	
MW-419D	SR	4/1/2016	14:19	23.75	967.40	943.65	
MW-419M	MB	4/1/2016	14:17	23.87	967.50	943.63	
MW-420D	SR	4/1/2016	14:15	21.61	965.26	943.65	
MW-420M	MB	4/1/2016	14:13	21.21	964.85	943.64	
MW-421D	SR	4/1/2016	14:23	14.86	958.50	943.64	
MW-421D	SR	4/1/2016	12:00	33.90	980.98	947.08	
MW-424D	SR	4/1/2016	12:05	32.75	979.74	946.99	
MW-432D	SR	4/1/2016	12:42	31.40	974.50	943.10	
MW-432M	MB	4/1/2016	12:45	17.92	974.90	956.98	
MW-433D	SR	4/1/2016	13:23	26.68	970.43	943.75	
MW-434D	SR	4/1/2016	13:26	21.65	965.33	943.68	
MW-435D	SR	4/1/2016	13:29	12.38	955.91	943.53	
MW-436D	SR	4/1/2016	13:19	18.64	962.37	943.73	
MW-437D	SR	4/1/2016	13:33	7.04	948.38	941.34	
MW-438D	SR	4/1/2016	12:55	28.90	972.59	943.69	
MW-439D	SR	4/1/2016	13:14	11.67	955.58	943.91	
MW-440D	SR	4/1/2016	13:16	11.07	936.70	5-10.51	flowing artesian
MW-441D	SR	4/1/2016	12:48	30.78	974.38	943.60	nowing artesian
MW-442D	SR	4/1/2016	12:30	32.00	975.68	943.68	
MW-443D	SR	4/1/2016	14:05	36.06	979.72	943.66	
MW-444D	SR	4/1/2016	13:55	3.07	934.18	931.11	
MW-447D	SR	4/1/2016	13:03	38.04	965.84	927.80	
MW-448D	SR	4/1/2016	13:59	8.40	935.38	926.98	
MW-449D	SR	4/1/2016	13:00	30.68	970.44	939.76	
MW-450D	SR	4/1/2016	13:38	13.00	910.51	897.51	
MW-451D	SR	4/1/2016	12:53	24.27	967.32	943.05	
MW-453D	SR	4/1/2016	13:08	27.21	923.25	0.00	flowing artesian

ATTACHMENT A MONTHLY GROUNDWATER ELEVATION DATA TOP OF ROCK MONITORING WELLS MAY 2016 MAHLE BEHR DAYTON LLC - VANDALIA, OHIO

Monitoring	Well	Date	Time	Water	Top of Riser	Groundwater	Remarks
Well ID	Type			Level	Elevation	Elevation	
				(ft)	(ft)	(ft)	
CSX-22	TOR	5/3/2016	16:07	6.17	967.35	961.18	
MW-101S	TOR	5/3/2016	14:30	5.34	988.04	982.70	
MW-204S	TOR	5/3/2016	14:52	11.20	993.94	982.74	
MW-301S	TOR	5/3/2016	12:52	3.36	971.03	967.67	
MW-401S	TOR	5/3/2016	13:50	12.59	974.73	962.14	
MW-402S	TOR	5/3/2016	13:56	6.40	966.62	960.22	
MW-403S	TOR	5/3/2016	14:00	5.45	976.61	971.16	
MW-404S	TOR	5/3/2016	14:17	6.15	989.50	983.35	
MW-405S	TOR	5/3/2016	14:59	5.30	982.47	977.17	
MW-407S	TOR	5/3/2016	13:42	1.36	952.99	951.63	
MW-412S	TOR	5/3/2016	13:25	9.63	949.79	940.16	
MW-415S	TOR	5/3/2016	14:10	7.05	976.78	969.73	
MW-422S	TOR	5/3/2016	15:15	9.11	981.27	972.16	
MW-423S	TOR	5/3/2016	15:22	26.80	978.96	952.16	
MW-424S	TOR	5/3/2016	15:32	20.01	980.06	960.05	
MW-425S	TOR	5/3/2016	14:15	6.70	976.09	969.39	
MW-426S	TOR	5/3/2016	15:40	1.86	967.24	965.38	
MW-427S	TOR	5/3/2016	0:00		974.54		no access
MW-428S	TOR	5/3/2016	14:45	9.50	985.43	975.93	
MW-429S	TOR	5/3/2016	14:36	6.61	985.08	978.47	
MW-430S	TOR	5/3/2016	15:05	8.59	984.76	976.17	
MW-431S	TOR	5/3/2016	14:40	6.65	982.46	975.81	
MW-445S	TOR	5/3/2016	16:05	17.48	976.07	958.59	
MW-446SR	TOR	5/3/2016	14:05	7.02	972.04	965.02	
MW-452S	TOR	5/3/2016	16:00	10.95	989.13	978.18	
MW-454S	TOR	5/3/2016	15:50	4.75	969.38	964.63	
MW-455S	TOR	5/3/2016	15:54	5.80	976.65	970.85	

ATTACHMENT A MONTHLY GROUNDWATER ELEVATION DATA BEDROCK MONITORING WELLS MAY 2016 MAHLE BEHR DAYTON LLC - VANDALIA, OHIO

Monitoring Well ID	Well Type	Date	Time	Water Level (ft)	Top of Riser Elevation (ft)	Groundwater Elevation (ft)	Remarks
CSX-18D	SR	5/25/2016	9:45	24.14	964.96	940.82	
MW-101D	SR	5/25/2016	14:45	40.66	988.15	947.49	
MW-204D	SR	5/25/2016	14:40	30.77	994.26	963.49	
MW-301D	SR	5/25/2016	10:04	30.03	970.44	940.41	
MW-401D	SR	5/25/2016	14:12	33.94	974.57	940.63	
MW-402D	SR	5/25/2016	12:56	23.28	966.36	943.08	
MW-403D	SR	5/25/2016	12:45	31.11	977.36	946.25	
MW-404D	SR	5/25/2016	0:00		988.83		no access, gate locked
MW-405D	SR	5/25/2016	14:27	35.45	982.45	947.00	
MW-407D	SR	5/25/2016	13:04	16.29	956.24	939.95	
MW-408D	SR	5/25/2016	13:10	17.11	957.07	939.96	
MW-409D	SR	5/25/2016	13:44	8.31	942.49	934.18	
MW-410D	SR	5/25/2016	13:18	11.54	947.63	936.09	
MW-411D	SR	5/25/2016	13:31	25.90	943.43	917.53	
MW-412D	SR	5/25/2016	13:24	24.81	949.64	924.83	
MW-413D	SR	5/25/2016	9:56	29.66	970.13	940.47	
MW-414D	SR	5/25/2016	9:59	31.36	971.91	940.55	
MW-416D	SR	5/25/2016	9:41	25.39	965.84	940.45	
MW-417D	SR	5/25/2016	9:51	24.47	964.96	940.49	
MW-418D	SR	5/25/2016	9:36	24.57	965.06	940.49	
MW-419D	SR	5/25/2016	14:00	26.94	967.40	940.46	
MW-419M	MB	5/25/2016	13:58	26.96	967.50	940.54	
MW-420D	SR	5/25/2016	14:03	24.79	965.26	940.47	
MW-420M	MB	5/25/2016	14:05	24.12	964.85	940.73	
MW-421D	SR	5/25/2016	14:07	18.01	958.50	940.49	
MW-422D	SR	5/25/2016	14:29	36.41	980.98	944.57	
MW-424D	SR	5/25/2016	14:36	35.30	979.74	944.44	
MW-432D	SR	5/25/2016	10:11	34.49	974.50	940.01	
MW-432M	MB	5/25/2016	10:13	19.20	974.90	955.70	
MW-433D	SR	5/25/2016	10:21	29.82	970.43	940.61	
MW-434D	SR	5/25/2016	10:26	24.78	965.33	940.55	
MW-435D	SR	5/25/2016	10:30	15.57	955.91	940.34	
MW-436D	SR	5/25/2016	10:33	21.90	962.37	940.47	
MW-437D	SR	5/25/2016	10:51	10.01	948.38	938.37	
MW-438D	SR	5/25/2016	12:05	32.06	972.59	940.53	
MW-439D	SR	5/25/2016	10:42	15.45	955.58	940.13	
MW-440D	SR	5/25/2016	10:47	0.16	936.70	936.54	
MW-441D	SR	5/25/2016	12:00	33.85	974.38	940.53	
MW-442D	SR	5/25/2016	12:28	35.16	975.68	940.52	
MW-443D	SR	5/25/2016	12:12	39.15	979.72	940.57	
MW-444D	SR	5/25/2016	11:18	4.82	934.18	929.36	
MW-447D	SR	5/25/2016	11:43	39.57	965.84	926.27	
MW-448D	SR	5/25/2016	11:30	9.94	935.38	925.44	
MW-449D	SR	5/25/2016	11:49	33.32	970.44	937.12	
MW-450D	SR	5/25/2016	11:04	16.75	910.51	893.76	
MW-451D	SR	5/25/2016	11:55	27.31	967.32	940.01	
MW-453D	SR	5/25/2016	0:00		923.25		artesian

Monitoring Well ID	Well Type	Date	Time	Water Level (ft)	Top of Riser Elevation (ft)	Groundwater Elevation (ft)	Remarks
CSX-18D	SR	6/13/2016	11:34	26.00	964.96	938.96	
MW-101D	SR	6/13/2016	14:52	42.50	988.15	945.65	
MW-204D	SR	6/13/2016	14:47	31.16	994.26	963.10	
MW-301D	SR	6/13/2016	11:00	31.93	970.44	938.51	
MW-401D	SR	6/13/2016	12:00	35.77	974.57	938.80	
MW-402D	SR	6/13/2016	13:55	25.15	966.36	941.21	
MW-403D	SR	6/13/2016	14:10	33.24	977.36	944.12	
MW-404D	SR	6/13/2016	14:40	41.70	988.83	947.13	
MW-405D	SR	6/13/2016	14:22	37.51	982.45	944.94	
MW-407D	SR	6/13/2016	13:00	18.00	956.24	938.24	
MW-408D	SR	6/13/2016	13:10	18.83	957.07	938.24	
MW-409D	SR	6/13/2016	13:31	9.87	942.49	932.62	
MW-410D	SR	6/13/2016	13:18	13.07	947.63	934.56	
MW-411D	SR	6/13/2016	16:30	27.20	943.43	916.23	
MW-412D	SR	6/13/2016	16:40	25.90	949.64	923.74	
MW-413D	SR	6/13/2016	11:20	31.55	970.13	938.58	
MW-414D	SR	6/13/2016	11:10	33.26	971.91	938.65	
MW-416D	SR	6/13/2016	11:27	27.23	965.84	938.61	
MW-417D	SR	6/13/2016	11:40	26.37	964.96	938.59	
MW-418D	SR	6/13/2016	11:50	26.44	965.06	938.62	
MW-419D	SR	6/13/2016	12:30	28.68	967.40	938.72	
MW-419M	MB	6/13/2016	12:35	26.81	967.50	940.69	
MW-420D	SR	6/13/2016	12:15	36.52	965.26	928.74	
MW-420M	MB	6/13/2016	12:20	36.19	964.85	928.66	
MW-421D	SR	6/13/2016	12:40	19.80	958.50	938.70	
MW-422D	SR	6/13/2016	14:17	38.30	980.98	942.68	
MW-424D	SR	6/13/2016	14:30	37.17	979.74	942.57	
MW-432D	SR	6/13/2016	15:07	36.20	974.50	938.30	
MW-432M	MB	6/13/2016	15:05	20.00	974.90	954.90	
MW-433D	SR	6/13/2016	15:56	31.56	970.43	938.87	
MW-434D	SR	6/13/2016	16:00	26.50	965.33	938.83	
MW-435D	SR	6/13/2016	16:06	17.30	955.91	938.61	
MW-436D	SR	6/13/2016	15:51	23.62	962.37	938.75	
MW-437D	SR	6/13/2016	15:46	11.61	948.38	936.77	
MW-438D	SR	6/13/2016	15:16	33.75	972.59	938.84	
MW-439D	SR	6/13/2016	15:35	17.05	955.58	938.53	
MW-440D	SR	6/13/2016	15:40	1.65	936.70	935.05	
MW-441D	SR	6/13/2016	15:10	35.52	974.38	938.86	
MW-442D	SR	6/13/2016	14:59	36.88	975.68	938.80	
MW-443D	SR	6/13/2016	16:53	40.15	979.72	939.57	
MW-444D	SR	6/13/2016	16:11	6.23	934.18	927.95	
MW-447D	SR	6/13/2016	15:24	40.43	965.84	925.41	
MW-448D	SR	6/13/2016	16:47	10.90	935.38	924.48	
MW-449D	SR	6/13/2016	15:18	34.78	970.44	935.66	
MW-450D	SR	6/13/2016	16:17	16.55	910.51	893.96	
MW-451D	SR	6/13/2016	15:14	28.98	967.32	938.34	
MW-453D	SR	6/13/2016	15:30	25.55	923.25	333.04	artesian

Monitoring	Well	Date	Time	Water	Top of Riser	Groundwater	Remarks
Well ID	Туре			Level	Elevation	Elevation	
HA-1	S2	6/23/2016	12:33	(ft) 10.00	(ft) 982.24	(ft) 972.24	
HA-2	\$2 \$2	6/23/2016	12:31	8.19	982.70	974.51	
HA-3	\$2 \$2	6/23/2016	12:27	10.26	982.61	972.35	
HA-4	S1	6/23/2016	12:35	3.72	981.14	977.42	
HA-5	WT	6/23/2016	12:29	5.61	982.94	977.33	
IF-2	WT/S1	6/23/2016	11:32	2.88	978.64	975.76	
IF-3	WT/S1	6/23/2016	11:35	2.13	978.61	976.48	
MW-130	S1	6/23/2016	13:16	4.97	986.02	981.05	
MW-131	S1	6/23/2016	13:46	5.22	985.72	980.50	
MW-132	WT/S1	6/23/2016	13:39	4.35	984.07	979.72	
MW-133	S1	6/23/2016	13:31	5.00	983.13	978.13	
MW-134	WT/S1	6/23/2016	13:26	2.54	979.78	977.24	
MW-135	WT/S1	6/23/2016	14:19	3.70	984.86	981.16	
MW-136	WT/S1	6/23/2016	0:00		985.67		Covered
MW-137	S2	6/23/2016	12:16	8.51	982.24	973.73	
MW-138	S1	6/23/2016	12:18	2.99	982.24	979.25	
MW-501	S2	6/23/2016	12:32	5.92	988.73	982.81	
MW-502	S1/S2	6/23/2016	12:27	5.60	990.20	984.60	
MW-503	S1	6/23/2016	11:42	7.92	994.49	986.57	
MW-504R	S1	6/23/2016	14:15	2.82	984.42	981.60	
MW-505	S1/S2	6/23/2016	14:01	6.20	989.28	983.08	
MW-506	S1	6/23/2016	15:19	4.05	988.96	984.91	
MW-507	S1	6/23/2016	14:58	5.85	988.96	983.11	
MW-508	S2	6/23/2016	12:05	11.92	989.07	977.15	
MW-509R	S2	6/23/2016	12:09	8.61	985.34	976.73	
MW-510R	S2	6/23/2016	11:44	7.07	981.51	974.44	
MW-511	S2	6/23/2016	11:07	6.42	980.06	973.64	
MW-512	WT	6/23/2016	15:51	4.28	979.15	974.87	
MW-513	S2	6/23/2016	10:50	11.11	974.84	963.73	
MW-514	S2	6/23/2016	10:21	0.79	968.31	967.52	
MW-515	S2	6/23/2016	10:11	4.90	970.44	965.54	
MW-516	S2	6/23/2016	15:50	7.48	978.83	971.35	
MW-601	WT	6/23/2016	14:21	4.47	979.47	975.00	
MW-602	WT WT	6/23/2016	12:22	4.55	981.94	977.39	
MW-603		6/23/2016	11:59	6.09	984.42	978.33	
MW-604 MW-605	S1 S2	6/23/2016 6/23/2016	12:19 14:08	3.37 7.05	981.77 978.62	978.40 971.57	
MW-606	S2 		12:05	4.74	982.87	971.57	
MW-607	WT/S1	6/23/2016 6/23/2016	14:28	4.74	979.87	975.44	
MW-700	S1	6/23/2016	14:07	6.36	988.77	982.41	
MW-701	S1	6/23/2016	15:29	6.07	988.92	982.85	
MW-702	S1	6/23/2016	15:17	1.89	989.24	987.35	
MW-703R	S1	6/23/2016	15:13	3.26	988.84	985.58	
MW-705	S1	6/23/2016	12:08	12.00	989.01	977.01	
MW-706	WT	6/23/2016	12:02	6.18	987.67	981.49	
MW-707	S1	6/23/2016	14:55	5.92	989.06	983.14	
MW-708	S2	6/23/2016	15:05	8.85	985.24	976.39	
MW-709	S1	6/23/2016	14:50	7.45	989.10	981.65	
MW-710	WT/S1	6/23/2016	14:21	4.35	985.15	980.80	
MW-711	S1	6/23/2016	15:12	8.33	989.16	980.83	
MW-712	WT/S1	6/23/2016	11:41	2.17	982.31	980.14	
MW-715	S1	6/23/2016	13:58	6.88	982.30	975.42	
MW-716	S2	6/23/2016	13:49	9.83	982.31	972.48	
MW-717	S2	6/23/2016	11:00	6.73	979.82	973.09	
MW-718	WT/S1	6/23/2016	11:28	4.27	980.27	976.00	
MW-719	S2	6/23/2016	10:50	6.73	979.01	972.28	
MW-720	S1	6/23/2016	10:36	7.14	979.29	972.15	
MW-721	S2	6/23/2016	12:10	10.46	984.81	974.35	
MW-722R	WT	6/23/2016	11:52	3.64	987.55	983.91	

Monitoring	Well	Date	Time	Water	Top of Riser	Groundwater	Remarks
Well ID	Type			Level	Elevation	Elevation	
		- / /		(ft)	(ft)	(ft)	
MW-723	WT	6/23/2016	0:00	0.70	984.75	070.45	Abandoned
MW-724 MW-725	WT/S1 S2	6/23/2016 6/23/2016	10:37 10:42	6.70 6.81	979.15 978.46	972.45 971.65	
MW-726	WT/S1	6/23/2016	10:40	3.94	978.70	974.76	
MW-727	\$2	6/23/2016	10:44	6.20	977.84	971.64	
MW-728	WT/S1	6/23/2016	10:43	3.21	978.07	974.86	
MW-729	WT/S1	6/23/2016	10:40	3.89	977.20	973.31	
MW-730	S1	6/23/2016	11:25	4.02	982.08	978.06	
MW-731	S2	6/23/2016	10:45	5.62	977.19	971.57	
MW-732	S1	6/23/2016	14:14	3.83	978.89	975.06	
MW-733	S2	6/23/2016	10:30	7.49	978.98	971.49	
MW-734	WT/S1	6/23/2016	10:32	7.11	979.14	972.03	
MW-735	S2	6/23/2016	15:01	6.75	985.40	978.65	0 - 11111
MW-736 MW-737	\$2 \$2	6/23/2016	0:00 11:22	7.19	979.45 978.96	971.77	Could not locate
MW-738	WT	6/23/2016 6/23/2016	11:59	3.15	987.75	984.60	
MW-739	WT	6/23/2016	12:11	3.05	989.05	986.00	
MW-740	S2	6/23/2016	11:11	2.90	973.82	970.92	
MW-741	S2	6/23/2016	10:57	8.79	976.19	967.40	
MW-742	S2	6/23/2016	13:25	9.00	980.10	971.10	
MW-743	S2	6/23/2016	10:46	6.11	976.89	970.78	
MW-744	WT	6/23/2016	12:04	6.21	987.36	981.15	
MW-745	S2	6/23/2016	11:11	7.65	982.49	974.84	
MW-746	S2	6/23/2016	11:54	9.78	987.64	977.86	
MW-747R	S1	6/23/2016	11:50	7.93	988.14	980.21	
MW-748	S1	6/23/2016	11:46	5.02	981.98	976.96	
MW-749	WT	6/23/2016	11:49	1.90	981.94	980.04	
MW-750 MW-753	WT WT	6/23/2016	13:18 13:57	4.12	985.32	981.20	
MW-754	WT	6/23/2016 6/23/2016	13:50	3.05 4.26	985.37 985.85	982.32 981.59	
MW-757	WT	6/23/2016	15:15	2.25	988.95	986.70	
MW-758	S2	6/23/2016	11:22	3.53	982.34	978.81	
MW-759	\$2	6/23/2016	11:06	5.96	976.87	970.91	
MW-760	WT	6/23/2016	11:51	5.12	984.49	979.37	
MW-764	WT/S1	6/23/2016	11:55	4.32	982.78	978.46	
MW-765	WT	6/23/2016	15:09	3.45	988.96	985.51	
MW-766	WT	6/23/2016	0:00		987.15		Covered
MW-767	WT	6/23/2016	15:27	5.91	988.92	983.01	
MW-768	WT	6/23/2016	0:00		985.64	222.27	Covered
MW-770	S1/S2	6/23/2016	11:48	8.67	992.62	983.95	
MW-771	WT WT	6/23/2016	11:47 14:56	4.61 6.82	992.54	987.93	
MW-772R MW-773	S1	6/23/2016 6/23/2016	12:23	4.37	989.24	984.87	
MW-774	WT	6/23/2016	12:24	2.75	989.06	986.31	
MW-775	WT	6/23/2016	11:04	4.00	976.91	972.91	
MW-776	WT/S1	6/23/2016	11:12	3.29	974.01	970.72	
MW-777	S1	6/23/2016	13:21	6.95	985.65	978.70	
MW-778	S2	6/23/2016	11:54	6.52	982.78	976.26	
MW-779	S2	6/23/2016	14:19	8.95	979.40	970.45	
MW-780R	WT/S1	6/23/2016	15:03	4.55	984.63	980.08	
MW-781	WT	6/23/2016	13:42	4.65	982.06	977.41	
MW-782	WT/S1	6/23/2016	11:05	4.45	980.19	975.74	
MW-784 MW-786	WT S2	6/23/2016	10:55	4.06	980.09	976.03	
MW-787	WT	6/23/2016 6/23/2016	14:15 13:50	8.75 7.51	979.35 982.12	970.60 974.61	
MW-788	WT	6/23/2016	11:56	5.49	986.90	981.41	
MW-789	WT/S1	6/23/2016	13:23	3.65	982.43	978.78	
MW-790	WT	6/23/2016	15:05	3.52	988.92	985.40	
MW-792	S2	6/23/2016	15:07	11.13	989.02	977.89	

Monitoring	Well	Date	Time	Water	Top of Riser	Groundwater	Remarks
Well ID	Туре			Level	Elevation	Elevation	
101/ =22	W.T.(0.4	0/00/00/0	10.70	(ft)	(ft)	(ft)	
MW-793	WT/S1	6/23/2016	13:53	7.65	982.03	974.38	
MW-794	WT/S1	6/23/2016	13:44	5.53	982.07	976.54	11
MW-795	WT	6/23/2016	0:00	4.70	982.12	075.40	Has product
MW-796	WT/S1	6/23/2016	13:20 0:00	4.76	980.25	975.49	Abandoned
MW-797 MW-798	S1 S2	6/23/2016	0:00		985.68 982.19		
MW-799	\$2 \$2	6/23/2016 6/23/2016	13:40	8.95	982.19	973.14	Has product
MW-800	S2 	6/23/2016	11:08	8.13	978.91	973.14	
MW-801	S1	6/23/2016	0:00	0.13	987.12	970.76	Covered
MW-802	WT	6/23/2016	15:03	11.40	988.71	977.31	Covered
MW-804R	S1	6/23/2016	15:00	9.87	988.77	978.90	
MW-805	WT	6/23/2016	13:48	4.41	985.92	981.51	
MW-806	WT	6/23/2016	13:31	8.02	982.15	974.13	
MW-807	S2	6/23/2016	13:34	0.02	982.08	57 4 .10	Buried
MW-808	S2	6/23/2016	13:46	9.40	982.20	972.80	Builda
MW-809	S1/S2	6/23/2016	13:37	8.03	982.16	974.13	
MW-810	WT	6/23/2016	13:28	7.90	980.40	972.50	
MW-811	WT	6/23/2016	11:36	4.13	982.88	978.75	
MW-812	S2	6/23/2016	10:17	5.93	969.95	964.02	
MW-813	S2	6/23/2016	10:14	6.65	975.43	968.78	
MW-814	WT/S1	6/23/2016	15:43	6.85	976.17	969.32	
MW-815	WT/S1	6/23/2016	15:45		979.30		No Access
N001	WT	6/23/2016	0:00		985.43		Covered
N002	WT	6/23/2016	15:06	5.30	985.20	979.90	
N003	WT	6/23/2016	14:09	3.08	985.28	982.20	
N1	WT	6/23/2016	15:14	5.50	989.43	983.93	
N10	WT	6/23/2016	0:00		982.92		Covered
N11	WT	6/23/2016	12:50	2.49	981.63	979.14	
N12	WT	6/23/2016	13:01	9.13	984.82	975.69	
N13	WT	6/23/2016	12:45	4.13	982.21	978.08	
N15	WT	6/23/2016	12:55	4.38	982.47	978.09	
N16	WT	6/23/2016	16:00	3.00	982.04	979.04	
N17	WT	6/23/2016	15:55	3.75	982.23	978.48	
N2	WT	6/23/2016	0:00		989.37		Covered
N23	WT	6/23/2016	12:58	6.25	980.57	974.32	
N25	WT	6/23/2016	13:37	4.30	985.33	981.03	
N26	WT	6/23/2016	13:32	4.65	983.29	978.64	
N57	WT	6/23/2016	12:59	7.60	982.50	974.90	
N62 (E2)	WT	6/23/2016	12:40	4.75	070.40	074.00	
N63 N64	WT WT	6/23/2016	10:38 10:34	7.30 7.30	979.19 978.34	971.89 971.04	
N64 N7	WT	6/23/2016 6/23/2016		7.30	985.19	971.04	Covered
N7 N9	WT	6/23/2016	0:00 15:00	7.00	985.19	978.38	Covered
PZ-1	WT	6/23/2016	12:39	3.60	985.38	975.04	
PZ-10	WT	6/23/2016	12:02	6.25	983.23	976.98	
PZ-10	WT	6/23/2016	0:00	0.23	983.34	370.30	Covered
PZ-12	WT	6/23/2016	14:50	3.00	982.95	979.95	Oovoica
PZ-13	WT	6/23/2016	14:52	3.61	983.61	980.00	
PZ-14	WT	6/23/2016	0:00	5.0.	984.21		Could not locate
PZ-15	WT	6/23/2016	14:32	5.10	985.51	980.41	
PZ-16R	WT	6/23/2016	14:29	4.83	985.16	980.33	
PZ-17	WT	6/23/2016	14:54	2.80	983.49	980.69	
PZ-18	WT	6/23/2016	14:18	3.98	985.28	981.30	
PZ-19	WT	6/23/2016	12:01	6.15	983.58	977.43	
PZ-2	WT	6/23/2016	0:00		978.12		Covered
PZ-20	WT	6/23/2016	11:57	5.41	982.28	976.87	
PZ-21	WT	6/23/2016	15:12	2.57	988.88	986.31	
	\A/T	6/00/0046	14:52	5.82	988.78	982.96	•
PZ-22R PZ-23	WT WT	6/23/2016 6/23/2016	15:10	4.06	989.04	984.98	

Monitoring Well ID	Well Type	Date	Time	Water Level (ft)	Top of Riser Elevation (ft)	Groundwater Elevation (ft)	Remarks
PZ-24	WT	6/23/2016	12:19	2.64	988.82	986.18	
PZ-25	WT	6/23/2016	15:36	2.07	988.71	986.64	
PZ-26	WT	6/23/2016	0:00		989.05		Has product
PZ-28	WT	6/23/2016	15:34	3.08	989.02	985.94	·
PZ-29R	WT	6/23/2016	14:04	3.55	988.22	984.67	
PZ-3	WT	6/23/2016	13:30	1.33	981.55	980.22	
PZ-30	WT	6/23/2016	0:00		985.25		Covered
PZ-31	WT	6/23/2016	12:13	3.57	988.98	985.41	
PZ-4	WT	6/23/2016	12:36	2.30	981.32	979.02	
PZ-5	WT	6/23/2016	14:06	4.02	979.59	975.57	
PZ-6	WT	6/23/2016	12:23	5.47	981.83	976.36	
PZ-7	WT	6/23/2016	12:24	4.45	982.66	978.21	
PZ-8	WT	6/23/2016	12:28	5.55	983.11	977.56	
PZ-9	WT	6/23/2016	12:20	4.88	982.63	977.75	
VAW-115R	WT/S1	6/23/2016	13:55	4.44	985.24	980.80	
VBW-111	WT/S1	6/23/2016	13:34	4.65	984.26	979.61	
VBW-112	S1	6/23/2016	13:35	7.54	985.44	977.90	
VBW-113	WT	6/23/2016	14:23	4.85	985.87	981.02	
VCW-110	WT/S1	6/23/2016	0:00		985.84		Covered
VDW-108	S2	6/23/2016	11:58	10.96	983.76	972.80	
VEW-105	WT	6/23/2016	0:00		988.08		Covered
VEW-106	WT	6/23/2016	11:58	3.87	987.79	983.92	
VEW-114R	WT	6/23/2016	12:15	3.88	988.86	984.98	
VFW-104	WT/S2	6/23/2016	15:38	3.64	978.74	975.10	
VPW-101	S1	6/23/2016	12:34	4.00	986.81	982.81	
VPW-102	S2	6/23/2016	10:19	3.50	966.75	963.25	
VPW-103	WT/S1	6/23/2016	11:19	4.17	982.05	977.88	

Monitoring Well ID	Well Type	Date	Time	Water Level (ft)	Top of Riser Elevation (ft)	Groundwater Elevation (ft)	Remarks
CSX-18D	SR	7/7/2016	10:15	27.09	964.96	937.87	
MW-101D	SR	7/7/2016	13:39	43.88	988.15	944.27	
MW-204D	SR	7/7/2016	13:34	32.25	994.26	962.01	
MW-301D	SR	7/7/2016	9:52	33.05	970.44	937.39	
MW-401D	SR	7/7/2016	9:35	36.86	974.57	937.71	
MW-402D	SR	7/7/2016	14:37	26.33	966.36	940.03	
MW-403D	SR	7/7/2016	13:57	34.41	977.36	942.95	
MW-404D	SR	7/7/2016	13:50	43.18	988.83	945.65	
MW-405D	SR	7/7/2016	14:12	38.76	982.45	943.69	
MW-407D	SR	7/7/2016	11:10	19.03	956.24	937.21	
MW-408D	SR	7/7/2016	11:20	19.87	957.07	937.20	
MW-409D	SR	7/7/2016	11:31	10.81	942.49	931.68	
MW-410D	SR	7/7/2016	11:26	13.98	947.63	933.65	
MW-411D	SR	7/7/2016	11:59	27.78	943.43	915.65	
MW-412D	SR	7/7/2016	12:12	26.44	949.64	923.20	
MW-413D	SR	7/7/2016	10:00	32.63	970.13	937.50	
MW-414D	SR	7/7/2016	9:45	34.37	971.91	937.54	
MW-416D	SR	7/7/2016	10:08	28.33	965.84	937.51	
MW-417D	SR	7/7/2016	10:23	27.45	964.96	937.51	
MW-418D	SR	7/7/2016	10:32	27.37	965.06	937.69	
MW-419D	SR	7/7/2016	10:50	29.71	967.40	937.69	
MW-419M	MB	7/7/2016	10:55	29.87	967.50	937.63	
MW-420D	SR	7/7/2016	10:45	27.55	965.26	937.71	
MW-420M	MB	7/7/2016	10:40	27.18	964.85	937.67	
MW-421D	SR	7/7/2016	11:00	20.88	958.50	937.62	
MW-422D	SR	7/7/2016	14:18	39.55	980.98	941.43	
MW-424D	SR	7/7/2016	14:25	38.42	979.74	941.32	
MW-432D	SR	7/7/2016	13:22	37.25	974.50	937.25	
MW-432M	MB	7/7/2016	13:21	20.79	974.90	954.11	
MW-433D	SR	7/7/2016	13:16	32.65	970.43	937.78	
MW-434D	SR	7/7/2016	13:12	27.60	965.33	937.73	
MW-435D	SR	7/7/2016	13:04	18.38	955.91	937.53	
MW-436D	SR	7/7/2016	13:08	24.72	962.37	937.65	
MW-437D	SR	7/7/2016	12:59	12.63	948.38	935.75	
MW-438D	SR	7/7/2016	12:36	34.82	972.59	937.77	
MW-439D	SR	7/7/2016	12:51	18.30	955.58	937.28	
MW-440D	SR	7/7/2016	12:56	2.40	936.70	934.30	
MW-441D	SR	7/7/2016	12:28	36.60	974.38	937.78	
MW-442D	SR	7/7/2016	13:30	37.99	975.68	937.69	
MW-443D	SR	7/7/2016	11:45	41.97	979.72	937.75	
MW-444D	SR	7/7/2016	12:22	7.15	934.18	927.03	
MW-447D	SR	7/7/2016	12:43	40.95	965.84	924.89	
MW-448D	SR	7/7/2016	12:24	11.35	935.38	924.03	
MW-449D	SR	7/7/2016	12:39	35.67	970.44	934.77	
MW-450D	SR	7/7/2016	11:52	17.62	910.51	892.89	
MW-451D	SR	7/7/2016	12:32	29.99	967.32	937.33	
MW-453D	SR	7/7/2016	12:47		923.25		flowing artesian

Monitoring	Well	Date	Time	Water	Top of Riser	Groundwater	Remarks
Well ID	Туре			Level	Elevation	Elevation	
22112				(ft)	(ft)	(ft)	
CSX-22	TOR	7/12/2016	8:17	8.18	967.35	959.17	
MW-101S	TOR	7/12/2016	12:00	6.11	988.04	981.93	
MW-204S	TOR	7/12/2016	11:52	8.20	993.94	985.74	
MW-301S	TOR	7/12/2016	9:13	5.07	971.03	965.96	
MW-401S	TOR	7/12/2016	8:47	14.85	974.73	959.88	
MW-402S	TOR	7/12/2016	8:30	9.67	966.62	956.95	
MW-403S	TOR	7/12/2016	9:51	8.20	976.61	968.41	
MW-404S	TOR	7/12/2016	11:25	8.53	989.50	980.97	
MW-405S	TOR	7/12/2016	11:15	7.25	982.47	975.22	
MW-407S	TOR	7/12/2016	8:01	7.30	952.99	945.69	
MW-412S	TOR	7/12/2016	13:31	13.51	949.79	936.28	
MW-415S	TOR	7/12/2016	10:01	9.52	976.78	967.26	
MW-422S	TOR	7/12/2016	10:30	11.55	981.27	969.72	
MW-423S	TOR	7/12/2016	10:40	30.73	978.96	948.23	
MW-424S	TOR	7/12/2016	10:49	23.22	980.06	956.84	
MW-425S	TOR	7/12/2016	9:38	9.24	976.09	966.85	
MW-426S	TOR	7/12/2016	9:21	3.49	967.24	963.75	
MW-427S	TOR	7/12/2016	9:45		974.54		covered by truck
MW-428S	TOR	7/12/2016	11:35	11.95	985.43	973.48	
MW-429S	TOR	7/12/2016	11:40	8.67	985.08	976.41	
MW-430S	TOR	7/12/2016	10:21	10.55	984.76	974.21	
MW-431S	TOR	7/12/2016	11:46	8.38	982.46	974.08	
MW-445S	TOR	7/12/2016	9:29	20.61	976.07	955.46	
MW-446SR	TOR	7/12/2016	10:09	8.79	972.04	963.25	
MW-452S	TOR	7/12/2016	11:30	12.62	989.13	976.51	
MW-454S	TOR	7/12/2016	9:05	6.71	969.38	962.67	
MW-455S	TOR	7/12/2016	8:54	8.12	976.65	968.53	

Monitoring Well ID	Well Type	Date	Time	Water Level (ft)	Top of Riser Elevation (ft)	Groundwater Elevation (ft)	Remarks
CSX-18D	SR	8/3/2016	9:47	28.43	964.96	936.53	
MW-101D	SR	8/3/2016	13:44	44.91	988.15	943.24	
MW-204D	SR	8/3/2016	13:38	34.14	994.26	960.12	
MW-301D	SR	8/3/2016	9:30	34.36	970.44	936.08	
MW-401D	SR	8/3/2016	14:40	38.18	974.57	936.39	
MW-402D	SR	8/3/2016	14:32	27.55	966.36	938.81	
MW-403D	SR	8/3/2016	14:22	35.15	977.36	942.21	
MW-404D	SR	8/3/2016	13:52	44.17	988.83	944.66	
MW-405D	SR	8/3/2016	14:00	39.85	982.45	942.60	
MW-407D	SR	8/3/2016	10:35	20.48	956.24	935.76	
MW-408D	SR	8/3/2016	10:43	21.33	957.07	935.74	
MW-409D	SR	8/3/2016	11:02	11.97	942.49	930.52	
MW-410D	SR	8/3/2016	10:53	15.30	947.63	932.33	
MW-411D	SR	8/3/2016	11:34	28.35	943.43	915.08	
MW-412D	SR	8/3/2016	11:42	33.02	949.64	916.62	
MW-413D	SR	8/3/2016	9:40	34.00	970.13	936.13	
MW-414D	SR	8/3/2016	9:37	35.73	971.91	936.18	
MW-416D	SR	8/3/2016	9:43	29.65	965.84	936.19	
MW-417D	SR	8/3/2016	9:50	28.75	964.96	936.21	
MW-418D	SR	8/3/2016	9:54	28.85	965.06	936.21	
MW-419D	SR	8/3/2016	10:12	31.12	967.40	936.28	
MW-419M	MB	8/3/2016	10:16	31.20	967.50	936.30	
MW-420D	SR	8/3/2016	10:00	28.96	965.26	936.30	
MW-420M	MB	8/3/2016	10:05	28.38	964.85	936.47	
MW-421D	SR	8/3/2016	10:21	22.22	958.50	936.28	
MW-422D	SR	8/3/2016	14:07	40.68	980.98	940.30	
MW-424D	SR	8/3/2016	14:15	39.55	979.74	940.19	
MW-432D	SR	8/3/2016	13:15	38.68	974.50	935.82	
MW-432M	MB	8/3/2016	13:18	21.68	974.90	953.22	
MW-433D	SR	8/3/2016	12:24	34.05	970.43	936.38	
MW-434D	SR	8/3/2016	12:29	29.00	965.33	936.33	
MW-435D	SR	8/3/2016	12:36	19.85	955.91	936.06	
MW-436D	SR	8/3/2016	12:17	26.20	962.37	936.17	
MW-437D	SR	8/3/2016	12:10	14.00	948.38	934.38	
MW-438D	SR	8/3/2016	13:09	36.23	972.59	936.36	
MW-439D	SR	8/3/2016	11:58	19.95	955.58	935.63	
MW-440D	SR	8/3/2016	12:04	3.54	936.70	933.16	
MW-441D	SR	8/3/2016	12:43	38.00	974.38	936.38	
MW-442D	SR	8/3/2016	13:31	39.33	975.68	936.35	
MW-443D	SR	8/3/2016	13:24	43.35	979.72	936.37	
MW-444D	SR	8/3/2016	11:45	8.23	934.18	925.95	
MW-447D	SR	8/3/2016	12:59	41.60	965.84	924.24	
MW-448D	SR	8/3/2016	11:50	12.10	935.38	923.28	
MW-449D	SR	8/3/2016	12:53	36.88	970.44	933.56	<u> </u>
MW-450D	SR	8/3/2016	11:17	18.27	910.51	892.24	
MW-451D	SR	8/3/2016	12:49	31.36	967.32	935.96	
MW-453D	SR	8/3/2016	13:04		923.25		flowing artesian

Monitoring	Well	Date	Time	Water	Top of Riser	Groundwater	Remarks
Well ID	Type			Level	Elevation	Elevation	
				(ft)	(ft)	(ft)	
HA-1	S2	8/19/2016	12:43	10.00	982.24	972.24	
HA-2	S2	8/19/2016	12:37	8.13	982.70	974.57	
HA-3	S2	8/19/2016	12:34	10.35	982.61	972.26	
HA-4	S1	8/19/2016	12:49	3.71	981.14	977.43	
HA-5	WT	8/19/2016	12:36	5.81	982.94	977.13	
IF-2 IF-3	WT/S1 WT/S1	8/19/2016	10:32	2.28	978.64 978.61	976.36	
MW-130	S1	8/19/2016 8/19/2016	10:32 14:26	2.38 3.91	986.02	976.23 982.11	
MW-131	S1	8/19/2016	14:28	2.87	985.72	982.85	
MW-132	WT/S1	8/19/2016	14:14	3.90	984.07	980.17	
MW-133	S1	8/19/2016	13:56	4.98	983.13	978.15	
MW-134	WT/S1	8/19/2016	14:04	2.57	979.78	977.21	
MW-135	WT/S1	8/19/2016	13:46	2.75	984.86	982.11	
MW-136	WT/S1	8/19/2016	13:13	4.47	985.67	981.20	
MW-137	S2	8/19/2016	12:18	7.43	982.24	974.81	
MW-138	S1	8/19/2016	11:59	3.07	982.24	979.17	
MW-501	S2	8/19/2016	14:46	5.87	988.73	982.86	
MW-502	S1/S2	8/19/2016	11:21	5.08	990.20	985.12	
MW-503	S1	8/19/2016	10:34	7.28	994.49	987.21	
MW-504R	S1	8/19/2016	13:03	2.31	984.42	982.11	
MW-505	S1/S2	8/19/2016	12:32	5.50	989.28	983.78	
MW-506	S1	8/19/2016	11:58	3.24	988.96	985.72	
MW-507	S1	8/19/2016	12:22	4.82	988.96	984.14	
MW-508	S2	8/19/2016	10:46	11.54	989.07	977.53	
MW-509R	S2	8/19/2016	11:54	8.38	985.34	976.96	
MW-510R	\$2 \$2	8/19/2016	11:08	6.86	981.51	974.65	
MW-511 MW-512	WT	8/19/2016	10:11 14:48	6.28 4.35	980.06 979.15	973.78 974.80	
MW-513	S2	8/19/2016 8/19/2016	9:30	10.89	974.84	963.95	
MW-514	S2	8/19/2016	9:28	0.73	968.31	967.58	
MW-515	S2	8/19/2016	9:14	4.87	970.44	965.57	
MW-516	S2	8/19/2016	14:44	7.55	978.83	971.28	
MW-601	WT	8/19/2016	15:06	4.60	979.47	974.87	
MW-602	WT	8/19/2016	12:26	4.77	981.94	977.17	
MW-603	WT	8/19/2016	11:47	5.63	984.42	978.79	
MW-604	S1	8/19/2016	12:19	3.00	981.77	978.77	
MW-605	S2	8/19/2016	14:58	7.52	978.62	971.10	
MW-606	S1	8/19/2016	12:23	4.51	982.87	978.36	
MW-607	WT/S1	8/19/2016	14:34	4.35	979.87	975.52	
MW-700	S1	8/19/2016	12:29	5.58	988.77	983.19	
MW-701	S1	8/19/2016	11:56	5.31	988.92	983.61	
MW-702	S1	8/19/2016	11:53	1.80	989.24	987.44	
MW-703R	S1	8/19/2016	11:30	2.23	988.84	986.61	
MW-705	S1	8/19/2016	10:54	12.16	989.01	976.85	
MW-706	WT	8/19/2016	10:43 12:18	6.08	987.67	981.59	
MW-707 MW-708	S1 S2	8/19/2016 8/19/2016	12:18	5.70 8.50	989.06 985.24	983.36 976.74	
MW-709	S1	8/19/2016	12:15	7.17	985.24	981.93	
MW-710	WT/S1	8/19/2016	13:47	3.21	985.15	981.94	
MW-711	S1	8/19/2016	10:57	7.50	989.16	981.66	
MW-712	WT/S1	8/19/2016	11:01	2.28	982.31	980.03	
MW-715	S1	8/19/2016	13:40	7.35	982.30	974.95	
MW-716	S2	8/19/2016	13:34	9.78	982.31	972.53	
MW-717	S2	8/19/2016	10:10	6.62	979.82	973.20	
MW-718	WT/S1	8/19/2016	10:35	4.25	980.27	976.02	
MW-719	S2	8/19/2016	10:35	6.67	979.01	972.34	
MW-720	S1	8/19/2016	9:42	6.96	979.29	972.33	
MW-721	S2	8/19/2016	11:57	8.20	984.81	976.61	
MW-722R	WT	8/19/2016	10:25	2.08	987.55	985.47	

Monitoring	Well	Date	Time	Water	Top of Riser	Groundwater	Remarks
Well ID	Type			Level	Elevation	Elevation	
				(ft)	(ft)	(ft)	
MW-723	WT	8/19/2016	0:00		984.75		Abandoned
MW-724	WT/S1	8/19/2016	9:41	6.68	979.15	972.47	
MW-725	S2	8/19/2016	9:55	6.67	978.46	971.79	
MW-726	WT/S1	8/19/2016	9:52	3.54	978.70	975.16	
MW-727 MW-728	S2 WT/S1	8/19/2016	9:58 9:57	6.40 2.89	977.84 978.07	971.44 975.18	
MW-729	WT/S1	8/19/2016 8/19/2016	10:01	3.52	977.20	973.68	
MW-730	S1	8/19/2016	15:45	4.06	982.08	978.02	
MW-731	S2	8/19/2016	10:02	5.52	977.19	971.67	
MW-732	S1	8/19/2016	15:01	4.54	978.89	974.35	
MW-733	S2	8/19/2016	9:36	7.33	978.98	971.65	
MW-734	WT/S1	8/19/2016	9:37	7.06	979.14	972.08	
MW-735	S2	8/19/2016	13:34	5.91	985.40	979.49	
MW-736	S2	8/19/2016	15:55	7.26	979.45	972.19	
MW-737	S2	8/19/2016	10:17	7.07	978.96	971.89	
MW-738	WT	8/19/2016	10:23	2.07	987.75	985.68	
MW-739	WT	8/19/2016	10:49	2.67	989.05	986.38	
MW-740	S2	8/19/2016	15:36	3.32	973.82	970.50	
MW-741	S2	8/19/2016	16:03	9.11	976.19	967.08	
MW-742	S2	8/19/2016	13:04	9.02	980.10	971.08	
MW-743	S2	8/19/2016	10:00	6.90	976.89	969.99	
MW-744	WT	8/19/2016	10:39	6.12	987.36	981.24	
MW-745	S2	8/19/2016	10:53	7.47	982.49	975.02	
MW-746 MW-747R	S2	8/19/2016	10:18	9.36	987.64	978.28	
	S1	8/19/2016	10:27 11:20	7.25	988.14	980.89	
MW-748 MW-749	S1 WT	8/19/2016	11:20	4.72 0.88	981.98 981.94	977.26 981.06	
MW-750	WT	8/19/2016 8/19/2016	14:29	3.24	985.32	982.08	
MW-753	WT	8/19/2016	14:31	2.25	985.37	983.12	
MW-754	WT	8/19/2016	14:33	3.03	985.85	982.82	
MW-757	WT	8/19/2016	11:28	2.01	988.95	986.94	
MW-758	S2	8/19/2016	15:53	3.60	982.34	978.74	
MW-759	S2	8/19/2016	15:34	6.12	976.87	970.75	
MW-760	WT	8/19/2016	11:25	3.68	984.49	980.81	
MW-764	WT/S1	8/19/2016	11:39	4.10	982.78	978.68	
MW-765	WT	8/19/2016	11:45	2.47	988.96	986.49	
MW-766	WT	8/19/2016	0:00		987.15		Covered
MW-767	WT	8/19/2016	12:24	5.27	988.92	983.65	
MW-768	WT	8/19/2016	0:00		985.64		Covered
MW-770	S1/S2	8/19/2016	10:30	7.90	992.62	984.72	
MW-771	WT	8/19/2016	10:31	2.62	992.54	989.92	
MW-772R	WT	8/19/2016	12:19	4.64	000.04	005.00	
MW-773 MW-774	S1 WT	8/19/2016 8/19/2016	11:16 11:15	3.86 2.34	989.24 989.06	985.38 986.72	
MW-775	WT	8/19/2016	15:33	3.14	976.91	973.77	
MW-776	WT/S1	8/19/2016	15:38	3.98	974.01	970.03	
MW-777	S1	8/19/2016	14:20	6.97	985.65	978.68	
MW-778	S2	8/19/2016	11:38	6.17	982.78	976.61	
MW-779	\$2	8/19/2016	15:04	9.24	979.40	970.16	
MW-780R	WT/S1	8/19/2016	13:37	3.62	984.63	981.01	
MW-781	WT	8/19/2016	13:27	4.53	982.06	977.53	
MW-782	WT/S1	8/19/2016	10:17	4.45	980.19	975.74	
MW-784	WT	8/19/2016	10:03	4.52	980.09	975.57	
MW-786	S2	8/19/2016	15:02	8.83	979.35	970.52	
MW-787	WT	8/19/2016	13:37	7.82	982.12	974.30	
MW-788	WT	8/19/2016	10:15	5.43	986.90	981.47	
MW-789	WT/S1	8/19/2016	14:12	3.60	982.43	978.83	
MW-790	WT	8/19/2016	11:50	2.63	988.92	986.29	
MW-792	S2	8/19/2016	11:49	10.71	989.02	978.31	

Monitoring	Well	Date	Time	Water	Top of Riser	Groundwater	Remarks
Well ID	Type			Level	Elevation	Elevation	
				(ft)	(ft)	(ft)	
MW-793	WT/S1	8/19/2016	13:32	8.03	982.03	974.00	
MW-794	WT/S1	8/19/2016	13:27	5.61	982.07	976.46	
MW-795	WT	8/19/2016	0:00		982.12		Has product
MW-796	WT/S1	8/19/2016	12:52	5.22	980.25	975.03	
MW-797	S1	8/19/2016	0:00		985.68		Abandoned
MW-798	S2	8/19/2016	0:00	0.04	982.19	070.05	Has product
MW-799	\$2 \$2	8/19/2016 8/19/2016	13:20	8.84 8.52	982.09	973.25	
MW-800 MW-801	\$2 \$1	8/19/2016	15:25 0:00	8.52	978.91 987.12	970.39	Covered
MW-802	WT	8/19/2016	12:01	3.09	988.71	985.62	Covered
MW-804R	S1	8/19/2016	12:05	11.11	988.77	977.66	
MW-805	WT	8/19/2016	14:35	3.56	985.92	982.36	
MW-806	WT	8/19/2016	13:08	8.58	982.15	973.57	
MW-807	\$2	8/19/2016	13:15	10.75	982.08	971.33	
MW-808	\$2	8/19/2016	13:29	9.33	982.20	972.87	
MW-809	S1/S2	8/19/2016	13:18	8.38	982.16	973.78	
MW-810	WT	8/19/2016	13:04	8.32	980.40	972.08	
MW-811	WT	8/19/2016	10:57	3.65	982.88	979.23	
MW-812	S2	8/19/2016	9:23	5.75	969.95	964.20	
MW-813	S2	8/19/2016	9:16	6.30	975.43	969.13	
MW-814	WT/S1	8/19/2016	13:49	7.04	976.17	969.13	
MW-815	WT/S1	8/19/2016	13:47		979.30		No access
N001	WT	8/19/2016	0:00		985.43		Covered
N002	WT	8/19/2016	14:39	5.30	985.20	979.90	
N003	WT	8/19/2016	12:44	3.80	985.28	981.48	
N1	WT	8/19/2016	14:42	5.60	989.43	983.83	
N10	WT	8/19/2016	0:00		982.92		Covered
N11	WT	8/19/2016	14:29	2.53	981.63	979.10	
N12	WT	8/19/2016	14:30	9.15	984.82	975.67	
N13	WT	8/19/2016	14:28	3.84	982.21	978.37	
N15	WT	8/19/2016	13:59	4.18	982.47	978.29	
N16 N17	WT WT	8/19/2016	15:59 16:01	3.10 4.90	982.04 982.23	978.94 977.33	
N17 N2	WT	8/19/2016 8/19/2016	0:00	4.90	989.37	911.33	Covered
N23	WT	8/19/2016	0:00		980.57		not measured
N25	WT	8/19/2016	14:17	4.30	985.33	981.03	not incasarea
N26	WT	8/19/2016	13:54	4.40	983.29	978.89	
N57	WT	8/19/2016	14:27	7.62	982.50	974.88	
N62 (E2)	WT	8/19/2016	14:14	4.46	002.00	000	
N63	WT	8/19/2016	9:49	7.15	979.19	972.04	
N64	WT	8/19/2016	9:51	7.50	978.34	970.84	
N7	WT	8/19/2016	0:00		985.19		Covered
N9	WT	8/19/2016	13:33	6.97	985.38	978.41	
PZ-1	WT	8/19/2016	12:45	3.52	978.64	975.12	
PZ-10	WT	8/19/2016	11:52	6.17	983.23	977.06	
PZ-11	WT	8/19/2016	0:00		983.34		Covered
PZ-12	WT	8/19/2016	13:23	3.56	982.95	979.39	
PZ-13	WT	8/19/2016	13:25	3.40	983.61	980.21	
PZ-14	WT	8/19/2016	13:21	3.77	984.21	980.44	
PZ-15	WT	8/19/2016	13:20	4.55	985.51	980.96	
PZ-16R	WT	8/19/2016	13:18	4.88	985.16	980.28	
PZ-17	WT	8/19/2016	13:28	2.64	983.49	980.85	
PZ-18 PZ-19	WT WT	8/19/2016	13:06	3.38	985.28	981.90	
PZ-19 PZ-2	WT	8/19/2016	11:51 0:00	5.66	983.58 978.12	977.92	Covered
PZ-20	WT	8/19/2016 8/19/2016	11:41	3.73	982.28	978.55	Covereu
PZ-20	WT	8/19/2016	11:04	1.51	988.88	987.37	
PZ-22R	WT	8/19/2016	12:11	5.19	988.78	983.59	
PZ-23	WT	8/19/2016	11:00	4.20	989.04	984.84	
20		0, 10, 2010	11.00	1.20	000.04	00 7.04	

Monitoring	Well	Date	Time	Water	Top of Riser	Groundwater	Remarks
Well ID	Type			Level	Elevation	Elevation	
				(ft)	(ft)	(ft)	
PZ-24	WT	8/19/2016	11:08	1.56	988.82	987.26	
PZ-25	WT	8/19/2016	11:10	1.66	988.71	987.05	
PZ-26	WT	8/19/2016	0:00		989.05		Has product
PZ-28	WT	8/19/2016	11:24	3.07	989.02	985.95	
PZ-29R	WT	8/19/2016	12:37	1.99	988.22	986.23	
PZ-3	WT	8/19/2016	13:58	2.88	981.55	978.67	
PZ-30	WT	8/19/2016	13:09	4.72	985.25	980.53	
PZ-31	WT	8/19/2016	10:51	2.54	988.98	986.44	
PZ-4	WT	8/19/2016	12:50	3.19	981.32	978.13	
PZ-5	WT	8/19/2016	14:50	3.58	979.59	976.01	
PZ-6	WT	8/19/2016	12:28	5.80	981.83	976.03	
PZ-7	WT	8/19/2016	12:30	4.15	982.66	978.51	
PZ-8	WT	8/19/2016	12:40	5.51	983.11	977.60	
PZ-9	WT	8/19/2016	12:25	4.58	982.63	978.05	
VAW-115R	WT/S1	8/19/2016	14:32	4.03	985.24	981.21	
VBW-111	WT/S1	8/19/2016	13:52	4.41	984.26	979.85	
VBW-112	S1	8/19/2016	14:16	7.36	985.44	978.08	
VBW-113	WT	8/19/2016	13:50	3.13	985.87	982.74	
VCW-110	WT/S1	8/19/2016	13:08	4.60	985.84	981.24	
VDW-108	S2	8/19/2016	11:44	10.62	983.76	973.14	
VEW-105	WT	8/19/2016	0:00		988.08		Covered
VEW-106	WT	8/19/2016	10:21	2.64	987.79	985.15	
VEW-114R	WT	8/19/2016	10:37	2.64	988.86	986.22	
VFW-104	WT/S2	8/19/2016	0:00		978.74		not measured
VPW-101	S1	8/19/2016	14:49	4.02	986.81	982.79	
VPW-102	S2	8/19/2016	9:25	3.61	966.75	963.14	
VPW-103	WT/S1	8/19/2016	10:56	4.82	982.05	977.23	

Monitoring Well ID	Well Type	Date	Time	Water Level (ft)	Top of Riser Elevation (ft)	Groundwater Elevation (ft)	Remarks
CSX-18D	SR	9/2/2016	10:45	27.18	964.96	937.78	
MW-101D	SR	9/2/2016	14:30	43.77	988.15	944.38	
MW-204D	SR	9/2/2016	14:13	33.20	994.26	961.06	
MW-301D	SR	9/2/2016	10:12	36.94	974.47	937.53	
MW-401D	SR	9/2/2016	10:00	36.63	974.57	937.94	
MW-402D	SR	9/2/2016	15:27	26.82	966.36	939.54	
MW-403D	SR	9/2/2016	15:06	34.73	977.36	942.63	
MW-404D	SR	9/2/2016	14:48	43.05	988.83	945.78	
MW-405D	SR	9/2/2016	14:48	38.65	982.45	943.80	
MW-407D	SR	9/2/2016	10:55	18.92	956.24	937.32	
MW-408D	SR	9/2/2016	11:03	19.97	957.07	937.10	
MW-409D	SR	9/2/2016	11:22	10.52	942.49	931.97	
MW-410D	SR	9/2/2016	11:15	13.93	947.63	933.70	
MW-411D	SR	9/2/2016	11:55	26.72	943.43	916.71	
MW-412D	SR	9/2/2016	12:06	31.60	949.64	918.04	
MW-413D	SR	9/2/2016	10:20	32.41	970.13	937.72	
MW-414D	SR	9/2/2016	10:08	34.12	971.91	937.79	
MW-416D	SR	9/2/2016	10:27	28.10	965.84	937.74	
MW-417D	SR	9/2/2016	10:40	27.20	964.96	937.76	
MW-418D	SR	9/2/2016	10:34	24.25	965.06	940.81	
MW-419D	SR	9/2/2016	11:36	29.50	967.40	937.90	
MW-419M	MB	9/2/2016	11:37	29.55	967.50	937.95	
MW-420D	SR	9/2/2016	11:30	27.25	965.26	938.01	
MW-420M	MB	9/2/2016	11:32	26.92	964.85	937.93	
MW-421D	SR	9/2/2016	11:28	20.64	958.50	937.86	
MW-422D	SR	9/2/2016	14:56	39.41	980.98	941.57	
MW-424D	SR	9/2/2016	15:01	38.27	979.74	941.47	
MW-432D	SR	9/2/2016	13:28	37.07	974.50	937.43	
MW-432M	MB	9/2/2016	13:20	21.03	974.90	953.87	
MW-433D	SR	9/2/2016	13:12	32.41	970.43	938.02	
MW-434D	SR	9/2/2016	13:08	27.37	965.33	937.96	
MW-435D	SR	9/2/2016	13:04	18.15	955.91	937.76	
MW-436D	SR	9/2/2016	12:54	24.50	962.37	937.87	
MW-437D	SR	9/2/2016	12:50	12.37	948.38	936.01	
MW-438D	SR	9/2/2016	16:54		972.59	972.59	
MW-439D	SR	9/2/2016	12:35	18.17	955.58	937.41	
MW-440D	SR	9/2/2016	12:42	2.19	936.70	934.51	
MW-441D	SR	9/2/2016	13:29	36.45	974.38	937.93	
MW-442D	SR	9/2/2016	14:07	35.75	975.68	939.93	
MW-443D	SR	9/2/2016	13:57	41.75	979.72	937.97	
MW-444D	SR	9/2/2016	12:22	6.67	934.18	927.51	
MW-447D	SR	9/2/2016	13:50	40.99	965.84	924.85	
MW-448D	SR	9/2/2016	12:24	10.24	935.38	925.14	
MW-449D	SR	9/2/2016	13:46	35.42	970.44	935.02	
MW-450D	SR	9/2/2016	11:44	18.12	910.51	892.39	
MW-451D	SR	9/2/2016	13:37	29.75	967.32	937.57	
MW-453D	SR	9/2/2016	13:57		923.25	923.25	Flowing artesian

Attachment B
Data Usability Summary Reports

Data Usability Summary Report (DUSR) Vandalia Ohio Surface Water

Analytical Laboratory: TestAmerica, Inc. - North Canton, OH Sample Delivery Group # 240-66596-1

Analytical results for the project samples were reviewed to evaluate the data usability. Data was assessed in accordance with guidance from the following Federal and/or State guidance documents:

USEPA National Functional Guidelines for Organic Data Review (EPA 540-R-014-002)
 and method protocol criteria where applicable as prescribed by "Test Methods for Evaluating Solid Waste", SW846, Update III, 1996, or Standard Methods for the Examination of Water and Wastewater, Eds 18-20.

This DUSR pertains to the following samples:

SW01-062916-1320 SW04-062916-1340 4212-062916-0001

Project Samples were analyzed according to the following analytical methods:

	Parameter			Analytical Method	Holding Time Criteria
1.	VOCs			EPA 8260B	14 days

The following items/criteria applicable to the analysis of project samples and associated QA/QC procedures were reviewed.

- · Holding Times
- Project-specific Reporting Limits
- GC/MS Instrument Performance Check
- · Initial Calibration Procedures
- · Continuing Calibration Procedures
- Blank Sample Analysis
- System Monitoring Compound Recoveries
- Laboratory Control Samples, Matrix Spike/Matrix Spike Duplicate Recoveries
- · Internal Standard Recoveries
- Target Compound Identification
- Sample Data Reporting Format
- · Data Qualifiers
- Summary

Preservation and Holding Times

Maximum allowable holding times, measured from the time of sample collection to the time of sample preparation or analysis, were met for each project sample analyzed as part of this sample delivery group. No qualification of the data is recommended.

Project-specific Reporting Limits

The reporting limits for the samples within this Sample Delivery Group (SDG) met or exceeded the minimum reporting limit requirements specified by the Project-specific Quality Assurance Project Plan (QAPP) with the following exception(s):

During the analysis of VOCs (EPA Method 8260B) the reporting limits were greater than the Project-specific Quality Assurance Project Plan (QAPP) criteria. The following project sample data as specified in the following table were affected:

Target Analyte(s)	QAPP RL	Sample ID	Lab Package RL	Reason	Action
All VOCs	1x	SW04-062916-1340	1.67x	Dilution req'd by sample matrix	No further action

GC/MS Instrument Performance Check

GC/MS instrument performance checks for the instruments used in the analysis of project samples fell within method specific criteria without exception. No qualification of the data is recommended.

Initial Calibration Procedures

Initial instrument calibration procedures for the analysis of project samples were consistent with the guidelines prescribed by EPA protocols. No Qualification of the data is recommended.

Continuing Calibration Procedures

Continuing calibration verification (CCV) procedures for the analysis of project samples were consistent with the guidelines prescribed by EPA protocols, with the following exception(s):

During the analysis of VOCs (SW846 8260B), the continuing calibration verification (CCV) standards for the following target compound(s) exhibited a percent drift (%D) greater than the acceptance criteria of 25% and/or a RRF less than 0.05:

	Date /					
Inst.	Time	Target Analyte(s)	%D	RRF	Affected Sample(s)	Corrective Action
A3UX11	05/28/16	Dichlorodifluoromethane	-50.10	0.0785	None, ICAL within.	None.
	11:25	Chloromethane	-28.40	0.1613	None, below NFG limit	None.
		Hexane	28.00	0.0718	None, not trgt analyte	None.
		1,4-Dioxane	-40.40	0.0009	None, not trgt analyte	None.
A3UX11	07/08/16	1,4-Dioxane	-41.60	0.0009	None, not trgt analyte	None.
	08:11					

Blank Sample Analysis

In accordance with cited USEPA guidelines, positive sample results should be reported unless the concentration of the compound in the project sample is less than or equal to 10 times (10X) the amount in any blank for metals and the common organic laboratory contaminants (methylene chloride, acetone, 2-butanone, cyclohexane, and phthalate esters), or 5 times (5X) the amount for other target compounds. Target compounds were not detected in associated blank samples (trip, equipment, method) prepared and analyzed concurrently with the project samples, with the following exception(s):

Blank	Target Analyte(s)	Concn.	Affected Sample(s)	Qualifiers
4212-062916-0001	Acetone	6.2 J ug/L	None, samples ND.	None.
Trip Blank				

System Monitoring Compound Recoveries

System monitoring/surrogate compounds are added to each sample prior to analysis of organic parameters to confirm the efficiency of the sample preparation procedure. The calculated recovery for each surrogate compound was evaluated to confirm the accuracy of the reported results. The calculated recovery of these compounds fell within the laboratory specific quality control criteria. No qualification of the data is recommended.

Laboratory Control Samples, Matrix Spike/Matrix Spike Duplicate Recoveries

Analytical precision and accuracy was evaluated based on the laboratory control and matrix spike sample analyses performed concurrently with the project samples. For matrix spike samples, after the addition of a known amount of each target analyte to the sample matrix, the sample was analyzed to confirm the ability to identify these compounds within the sample matrix. For LCS analyses, after the addition of a known amount of each target analyte into laboratory reagent water, the sample was analyzed to confirm the ability of the analytical system to accurately quantify the compounds. The reported recovery of MS/MSD and LCS analyses fell within the laboratory QA acceptance criteria. No qualification of the data is recommended.

Internal Standard Recoveries

Internal Standard compounds were added to each sample matrix prior to the analysis of organic parameters to quantify the amount of the target compounds detected within each sample. The calculated response of each IS compound fell within the QA/QC criteria of +100% and -50% of the corresponding CCV standard. No qualification of the data is recommended.

Target Compound Identification

GC/MS qualitative analysis for organic parameters was performed to remove mis-identifications of the target compounds. The relative retention times (RRT) of all reported target compounds were within +/- 0.06 RRT units of the associated calibration standard RRT, and all ions present in the reference standard spectrum at a relative intensity greater than 10 percent were also present in the sample spectrum. No qualification of the data is recommended.

Sample Data Reporting Format

The sample data are presented using USEPA Contract Laboratory Protocol (CLP) format or equivalent. The data package has been reviewed for completeness and found to contain each required sample result and associated QA/QC report form. The reporting format is complete and compliant with the objectives of the project. No qualification of the data is recommended.

Data Qualifiers

Samples that contain results between the MDL and RL were flagged as estimated, "J", by the laboratory. The data user should be aware that there is a possibility of false positive or mis-identification at the quantitation levels. The laboratory also qualified results when target analytes were detected in the associated method/preparation blank sample. Based on a spot check of the data qualifiers used, these flags appeared to be applied to the reported results in accordance with EPA guidance.

Summary

The results presented in each report were found to be compliant with the data quality objectives for the project and usable. Based on our review, the usability of the data is 100%, with the few exceptions noted above.

Date: 9/12/2016

Data Usability Summary Report (DUSR) MAHLE Vandalia Ohio Quarterly Analytical Laboratory: TestAmerica, Inc. - North Canton, OH

Sample Delivery Group # 240-68536-1

Analytical results for the project samples were reviewed to evaluate the data usability. Data was assessed in accordance with guidance from the following Federal and/or State guidance documents:

USEPA National Functional Guidelines for Organic Data Review (EPA 540-R-014-002)
 and method protocol criteria where applicable as prescribed by "Test Methods for Evaluating Solid Waste", SW846, Update III, 1996, or Standard Methods for the Examination of Water and Wastewater, Eds 18-20.

This DUSR pertains to the following samples:

SW04-081816-1400 SW01-081816-1440 4184-081816-0001

Project Samples were analyzed according to the following analytical methods:

	Parameter			Analytical Method	Holding Time Criteria
1.	VOCs			EPA 8260B	14 days

The following items/criteria applicable to the analysis of project samples and associated QA/QC procedures were reviewed.

- · Holding Times
- Project-specific Reporting Limits
- GC/MS Instrument Performance Check
- · Initial Calibration Procedures
- · Continuing Calibration Procedures
- · Blank Sample Analysis
- System Monitoring Compound Recoveries
- Laboratory Control Samples, Matrix Spike/Matrix Spike Duplicate Recoveries
- · Internal Standard Recoveries
- Target Compound Identification
- Sample Data Reporting Format
- · Data Qualifiers
- Summary

Preservation and Holding Times

Maximum allowable holding times, measured from the time of sample collection to the time of sample preparation or analysis, were met for each project sample analyzed as part of this sample delivery group. No qualification of the data is recommended.

Project-specific Reporting Limits

The reporting limits for the samples within this Sample Delivery Group (SDG) met or exceeded the minimum reporting limit requirements specified by the Project-specific Quality Assurance Project Plan (QAPP) with the following exception(s):

During the analysis of VOCs (EPA Method 8260B) the reporting limits were greater than the Project-specific Quality Assurance Project Plan (QAPP) criteria. The following project sample data as specified in the following table were affected:

Target Analyte(s)	QAPP RL	Sample ID	Lab Package RL	Reason	Action
All VOCs	1x	SW04-081816-1400	2.5x	Dilution req'd by sample matrix	No further action

GC/MS Instrument Performance Check

GC/MS instrument performance checks for the instruments used in the analysis of project samples fell within method specific criteria without exception. No qualification of the data is recommended.

Initial Calibration Procedures

Initial instrument calibration procedures for the analysis of project samples were consistent with the guidelines prescribed by EPA protocols. No Qualification of the data is recommended.

Continuing Calibration Procedures

Continuing calibration verification (CCV) procedures for the analysis of project samples were consistent with the guidelines prescribed by EPA protocols. No Qualification of the data is recommended.

Blank Sample Analysis

In accordance with cited USEPA guidelines, positive sample results should be reported unless the concentration of the compound in the project sample is less than or equal to 10 times (10X) the amount in any blank for metals and the common organic laboratory contaminants (methylene chloride, acetone, 2-butanone, cyclohexane, and phthalate esters), or 5 times (5X) the amount for other target compounds. Target compounds were not detected in associated blank samples (trip, equipment, method) prepared and analyzed concurrently with the project samples, with the following exception(s):

Blank	Target Analyte(s)	Concn.	Affected Sample(s)	Qualifiers
4184-081816-0001	Acetone	7.8 J ug/L	None, samples ND.	None.
Trip Blank	Trichloroethene	0.27 J ug/L	None, samples >10x blank	None.

System Monitoring Compound Recoveries

System monitoring/surrogate compounds are added to each sample prior to analysis of organic parameters to confirm the efficiency of the sample preparation procedure. The calculated recovery for each surrogate compound was evaluated to confirm the accuracy of the reported results. The calculated recovery of these compounds fell within the laboratory specific quality control criteria. No qualification of the data is recommended.

Laboratory Control Samples, Matrix Spike/Matrix Spike Duplicate Recoveries

Analytical precision and accuracy was evaluated based on the laboratory control and matrix spike sample analyses performed concurrently with the project samples. For matrix spike samples, after the addition of a known amount of each target analyte to the sample matrix, the sample was analyzed to confirm the ability to identify these compounds within the sample matrix. For LCS analyses, after the addition of a known amount of each target analyte into laboratory reagent water, the sample was analyzed to confirm the ability of the analytical system to accurately quantify the compounds. The reported recovery of MS/MSD and LCS analyses fell within the laboratory QA acceptance criteria, with the following exception(s):

LCS ID /			%R			
Project Sample MS	Type	Target Analyte(s)	Criteria	%R	%RPD	Affected Sample(s)
N38-081816-0920	MS/MSD	All VOCs	Various	Within	Within	None, all within limits.

Internal Standard Recoveries

Internal Standard compounds were added to each sample matrix prior to the analysis of organic parameters to quantify the amount of the target compounds detected within each sample. The calculated response of each IS compound fell within the QA/QC criteria of +100% and -50% of the corresponding CCV standard. No qualification of the data is recommended.

Target Compound Identification

GC/MS qualitative analysis for organic parameters was performed to remove mis-identifications of the target compounds. The relative retention times (RRT) of all reported target compounds were within \pm 0.06 RRT units of the associated calibration standard RRT, and all ions present in the reference standard spectrum at a relative intensity greater than 10 percent were also present in the sample spectrum. No qualification of the data is recommended.

Sample Data Reporting Format

The sample data are presented using USEPA Contract Laboratory Protocol (CLP) format or equivalent. The data package has been reviewed for completeness and found to contain each required sample result and associated QA/QC report form. The reporting format is complete and compliant with the objectives of the project. No qualification of the data is recommended.

Data Qualifiers

Samples that contain results between the MDL and RL were flagged as estimated, "J", by the laboratory. The data user should be aware that there is a possibility of false positive or mis-identification at the quantitation levels. The laboratory also qualified results when target analytes were detected in the associated method/preparation blank sample. Based on a spot check of the data qualifiers used, these flags appeared to be applied to the reported results in accordance with EPA guidance.

Summary

The results presented in each report were found to be compliant with the data quality objectives for the project and usable. Based on our review, the usability of the data is 100%, with the few exceptions noted above.

Date: 9/12/2016

Attachment C
Groundwater Migration Control System
Monthly Discharge Reports

VANDALIA-MIGRATION CONTROL DAILY DISCHARGE REPORT- April 2016

AVERAGE INFLOW (GPM)

	AVERAGE INFLOW (GPM)	
DATE	BEDROCK/OVERBURDEN/SECOND SAND	DAILY DISCHARGE (GPD)
4/1/2016	35.3	50892
4/2/2016	28.9	41683
4/3/2016	26.9	38701
4/4/2016	23.2	33477
4/5/2016	26.9	38751
4/6/2016	25.9	37325
4/7/2016	13.5	19400
4/8/2016	28.3	40760
4/9/2016	29.2	42020
4/10/2016	29.4	42269
4/11/2016	21.3	30653
4/12/2016	28.6	41130
4/13/2016	24.6	35402
4/14/2016	26.3	37827
4/15/2016	28.2	40579
4/16/2016	26.9	38687
4/17/2016	26.6	38346
4/18/2016	25.6	36892
4/19/2016	16.7	24002
4/20/2016	0.0	0
4/21/2016	0.0	0
4/22/2016	0.0	0
4/23/2016	0.0	0
4/24/2016	0.0	0
4/25/2016	0.0	0
4/26/2016	0.0	0
4/27/2016	0.0	0
4/28/2016	0.0	0
4/29/2016	13.8	19928
4/30/2016	29.0	41758

TOTAL DISCHARGE (gal) = 770481 AVERAGE DAILY DISCHARGE (gal/day)= 25683

VANDALIA-MIGRATION CONTROL DAILY DISCHARGE REPORT-May 2016

AVERAGE INFLOW (GPM)

	AVERAGE INFLOW (GPM)	
<u>DATE</u>	BEDROCK/OVERBURDEN/SECOND SAND	DAILY DISCHARGE (GPD)
5/1/2016	28.3	40723
5/2/2016	33.4	48147
5/3/2016	28.1	40395
5/4/2016	27.1	39086
5/5/2016	25.8	37155
5/6/2016	25.2	36311
5/7/2016	24.9	35877
5/8/2016	24.6	35410
5/9/2016	27.8	40008
5/10/2016	28.6	41241
5/11/2016	29.2	42077
5/12/2016	29.4	42359
5/13/2016	33.8	48652
5/14/2016	34.3	49346
5/15/2016	31.7	45601
5/16/2016	30.7	44211
5/17/2016	30.2	43519
5/18/2016	29.4	42303
5/19/2016	28.4	40843
5/20/2016	30.0	43262
5/21/2016	29.7	42729
5/22/2016	29.1	41976
5/23/2016	29.0	41756
5/24/2016	28.3	40819
5/25/2016	28.6	41235
5/26/2016	29.3	42179
5/27/2016	30.5	43871
5/28/2016	31.9	45900
5/29/2016	33.1	47701
5/30/2016	33.8	48694
5/31/2016	35.5	51169

TOTAL DISCHARGE (gal) = 1324551 AVERAGE DAILY DISCHARGE (gal/day)= 42727

VANDALIA-MIGRATION CONTROL DAILY DISCHARGE REPORT-June 2016

AVERAGE INFLOW (GPM)

	AVERAGE INFLOW (GPM)	
DATE	BEDROCK/OVERBURDEN/SECOND SAND	DAILY DISCHARGE (GPD)
6/1/2016	35.9	51671
6/2/2016	36.4	52440
6/3/2016	34.2	49290
6/4/2016	35.7	51427
6/5/2016	25.1	36109
6/6/2016	23.2	33375
6/7/2016	32.4	46695
6/8/2016	31.9	45893
6/9/2016	32.3	46557
6/10/2016	38.2	55024
6/11/2016	34.8	50051
6/12/2016	33.4	48042
6/13/2016	32.8	47226
6/14/2016	32.6	46930
6/15/2016	32.6	46907
6/16/2016	32.3	46518
6/17/2016	32.1	46200
6/18/2016	32.0	46017
6/19/2016	31.9	45888
6/20/2016	32.1	46245
6/21/2016	32.0	46041
6/22/2016	31.9	45952
6/23/2016	34.3	49371
6/24/2016	32.2	46307
6/25/2016	32.0	46139
6/26/2016	33.2	47815
6/27/2016	34.9	50271
6/28/2016	32.9	47367
6/29/2016	32.4	46713
6/30/2016	32.3	46466

TOTAL DISCHARGE (gal) = 1410946 AVERAGE DAILY DISCHARGE (gal/day)= 47032

VANDALIA-MIGRATION CONTROL DAILY DISCHARGE REPORT-July 2016

AVERAGE INFLOW (GPM)

	AVERAGE INFLOW (GPM)	
DATE	BEDROCK/OVERBURDEN/SECOND SAND	DAILY DISCHARGE (GPD)
7/1/2016	32.4	46696
7/2/2016	32.0	46097
7/3/2016	34.4	49476
7/4/2016	32.7	47086
7/5/2016	34.8	50142
7/6/2016	33.7	48561
7/7/2016	33.0	47464
7/8/2016	32.5	46741
7/9/2016	32.2	46318
7/10/2016	32.0	46040
7/11/2016	31.9	45977
7/12/2016	31.9	45923
7/13/2016	33.9	48757
7/14/2016	34.8	50096
7/15/2016	33.2	47764
7/16/2016	32.5	46854
7/17/2016	32.2	46413
7/18/2016	35.4	50954
7/19/2016	31.3	45022
7/20/2016	30.8	44346
7/21/2016	30.8	44331
7/22/2016	30.8	44329
7/23/2016	30.8	44280
7/24/2016	30.8	44292
7/25/2016	30.7	44267
7/26/2016	32.2	46384
7/27/2016	31.7	45599
7/28/2016	31.6	45541
7/29/2016	33.9	48753
7/30/2016	32.4	46684
7/31/2016	32.0	46121

TOTAL DISCHARGE (gal) = 1447307 AVERAGE DAILY DISCHARGE (gal/day)= 46687

VANDALIA-MIGRATION CONTROL DAILY DISCHARGE REPORT-August 2016

AVERAGE INFLOW (GPM)

	AVERAGE INFLOW (GPM)	
DATE	BEDROCK/OVERBURDEN/SECOND SAND	DAILY DISCHARGE (GPD)
8/1/2016	31.9	45970
8/2/2016	31.8	45791
8/3/2016	31.7	45617
8/4/2016	31.9	45938
8/5/2016	31.8	45795
8/6/2016	31.7	45671
8/7/2016	31.5	45343
8/8/2016	31.5	45394
8/9/2016	24.4	35076
8/10/2016	16.6	23970
8/11/2016	32.0	46129
8/12/2016	31.9	45950
8/13/2016	32.0	46031
8/14/2016	37.9	54535
8/15/2016	39.4	56731
8/16/2016	39.3	56521
8/17/2016	36.6	52712
8/18/2016	34.0	48951
8/19/2016	33.1	47732
8/20/2016	35.5	51159
8/21/2016	34.5	49712
8/22/2016	33.3	47909
8/23/2016	32.6	46952
8/24/2016	32.5	46729
8/25/2016	32.6	46959
8/26/2016	33.1	47731
8/27/2016	35.4	51003
8/28/2016	35.1	50578
8/29/2016	37.2	53609
8/30/2016	33.4	48115
8/31/2016	32.7	47073

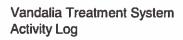
TOTAL DISCHARGE (gal) = 1467386 AVERAGE DAILY DISCHARGE (gal/day)= 47335

VANDALIA-MIGRATION CONTROL DAILY DISCHARGE REPORT-September 2016

AVERAGE INFLOW (GPM)

	AVERAGE INFLOW (GPM)	
DATE	BEDROCK/OVERBURDEN/SECOND SAND	DAILY DISCHARGE (GPD)
9/1/2016	32.1	46250
9/2/2016	31.8	45786
9/3/2016	31.6	45534
9/4/2016	31.5	45316
9/5/2016	31.4	45262
9/6/2016	31.4	45213
9/7/2016	30.8	44319
9/8/2016	32.5	46781
9/9/2016	34.6	49895
9/10/2016	33.2	47790
9/11/2016	32.1	46201
9/12/2016	31.6	45523
9/13/2016	31.3	45086
9/14/2016	32.0	46089
9/15/2016	31.9	45898
9/16/2016	19.5	28141
9/17/2016	0.0	0
9/18/2016	0.0	0
9/19/2016	23.0	33069
9/20/2016	34.4	49582
9/21/2016	33.4	48056
9/22/2016	26.7	38466
9/23/2016	0.0	0
9/24/2016	0.0	0
9/25/2016	0.0	0
9/26/2016	0.0	0
9/27/2016	0.0	0
9/28/2016	0.0	0
9/29/2016	0.0	0
9/30/2016	14.3	20652

TOTAL DISCHARGE (gal) = 908908 AVERAGE DAILY DISCHARGE (gal/day)= 30297 Attachment D
Groundwater Migration Control System
Activity Log



Date	Time on site	Time left site	H&A personnel	Activities while on-site
2-17-14		14:00	MR	B. F. Charge
	10:00	17:00	MR¥R	IP. Weekly & BF chance
2-19-16	13:00	14:00	MR&R.P	The state of the s
	1100	1330	RP	Shut down ver
2/26/16		1700	MR	Weekly INSP - Charle BF - Charge Bolts
2/29/16	16:45	14:55	WITE	Chance BF
3/4/16	1030	1330	RP	Mc Sampling, BF change
3/7/14	20:00	21:00	MR	Charge B.F. > on may to Fost Wayne
3/9/16	1500	17W	P.P	WKLY.
B/11/16	1500	1600	MR	BF Change
3/14/1/20	1015	1215	ELS	BE Change, Shock capture well:
3/17/16	1400	1500	RP/MR	BF Change - Change Out SS Pump
	0800	1500	RP	SS pump change - out
3/8/16	1230	1500	BAJE	BF Change SS bump Stout, wkly
3/21/16	0700		ELS/THV	ACIO WASH
3/24/16	1430	1530	MR	Change Out Bag Filters
	1000	1400	MR/GLS	Hose Maintenance: Tanker Track PH; Weakly Inspection
7	1130	1230	MR	Change Bag Filters
	8:30	19:30	MR	Change Bag Filters & Alarm Response & Weekly Insp
	11:30	12:10	MRITR	Start up S.S. pump
3/31/16	11:00	5:00	MR	Racieve Shipment of Maxisperse (1 Drum) & Preplace Seent Drum
4/1/14	15:30	16:30	MR .	Change Bog Filters - Finished April Bedrock W/L
4/4/16	10:30		ELS/WTR	Alarm Response & SS Pump Adjustments
4/7/16	13:00	14:00	MR	Alarm Response



	60			
Date	Time on site	Time left site	H&A personnel	Activities while on-site
4.8.16	12:30		MR	Weekly Inspection - Adjust S.S. Flow - Alarm Response
4.11.16	1	14:30	MR/TV	Alarm Response - Backwash - Change - Adjust SS Flow
4.12.16		15:30	MR	Change Bagy Filters
4-14-16	13:00	14:45	TMV	Samble MC
4-15-16	C - 100 - 1	19:30	WIR	Weekly inspection
4/18/16	11:45	14:45	THU	Change BF Greese Blower Pumps
4/19/16	13:30	16=00	WJR	Weekly inspection
4/19/16	14:30	(5:∞	MR	Take pictures of Brows Value - Tura Off Heaters-Turn Off Maxisons
4/29/16	10:00	14:45	MR \$JR	Remove Bypass Piping (Air Stripper), Change Bag Filters,
				Greese Rumps, Install sample port Between B.F. & GAC Pump
				Measure Maxigerry & Restart System - Weekly Inspection
5/2/16	14:45	15:30	WJR	Change bay filters
5/4/16	14:40	15250		Change hag-filters
5/5/K	14:45	15255		Sample Mc
5/6/16	15:25	17:15	1	
5/10/16	14:20	17:35	NOR	Change bag fitters; Restarted 52 pump
5/13/16		15:40	WIR	Weekly inspection, Change has fitters
5/16/16	14:00	16:00	WITR	
	16:20	1	WIR	Weekly inspection, Change has filters
_ , ,	Ø7:00	1	ELS.	Change SF, CARGON CLEANONT BY VEOLIA
5/27/14	14:00	(5:30	Ecs	Wartly Inspection: Change BF
1 2			ELS THAY	Reset 08 Pump, Change BF
43/4		16:00	ELS	Weekly Inspection; Change BF
4/4/16	0:30	10:06	Era	Alara Responer; Change Bt; Greece pumps



Date	Time on site	Time left site	H&A personnel	Activities while on-site
6.8.16	10:00	14:00	M.R.	Weekly Inspection, Trash Removal, Recieve Maxisperic Shipment
6/1-/16	10:00	[4:00	ELSIME	Change bug Filfers Sample System
Lo.13.lle	16:15	17:05	MR	Change Bag Filters
6/17/16	07.00	13:00	Ers	Change Bog Filture: Weakly Inspection; Fire Extinguister Inspection
0/21/16	17:15	18:15	ELS	Change Boy Fifters
424/16	15:3-	17:30	EUS	Weekly begreting Change Boy Filters
6.27.kg	17:00	18:00	MR	Change Bag Filters
7/1/80	10:00		ELS/THV	Weeking Inspection - Change Bug Foltons
7.5.6	8:00	9:00	MR	Xc Bag Filters
7.6.14	10:08	13:00	Me	Sample System, trouble shoot OBIN port
7/8/16	12:00	1:00	TMV	Change BF. Weekly Inspection
7.11.16e	12:00	13:00	MR	XO B.F.
7.12.16	12:20	13:35	MR	Weekly hospertion
7.20.16	13:00	14:30	MR	Weekly inspection - Check on OB control panel
7.26.16	9:00	11:00	MR	Weekly Inspection
7/26/16	15:00	17:20	16TR	Re-started of pum
8.2.16	10:30		MR	Weekly Insp., consolidate waste drums, sample system, remove transducer
8/10/16	11:30	14:00	TMV	Alarm Response / change Maxisperse
811216	12:00	13:15	THV	weekly Inspection
2.15.16	11:45	14:15	MR.	- Cheek on system Fax capabilities / Status
8/16/15	/3:80	1330	ELS "	Download System Date; Meet Prop Pro Parement For broken pump
كالعالع	14:25	15:30	WIR	Weekly inspection
8.23.14	13:45	15:45	MR	Weekly Inspection
8/29/16	11:00	14:00	ELE/MR	CLeck system. Fox capabilities Dansylved data, Maintenance



Date	Time on site	Time left site	H&A ^s personnel	Activities while on-site
8/30/16	1400	15:30	ESC/ME	TROUBLESHOOT SUMP AT ALLEM & PLC
7.1.16	12:30	14:30	MR	Weekly Inspection
१८१७	/l:00	12:00	ELE	CHack System / dournload system data
	16:00	T:00	el :	CHECK SYSTEM OPERATIONS
1	11:00	6:00	MR	weekly lusp, collect samples, seed & grade 301-D
9.7.16	14:30	15:35	MR	Check on 438D & Reconnect phone & Fax Lines
9/14/16		12100	ECS	Weekly Inspection: Data Download
7-17-16	14:45	15:55	TMU	Restart System
9-18-16	0800	1080	Ess	Rectart system
9-23-16	0900	1200	EIS	Bhutdown rosponer; Exercal Change: Weekly Inspection
9-30-16	0930	1800	WIR	Replaced BR recovery well pump; Restarted system; Workly inspection
		4		
		:		
	* .		技	
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-			-	
		1	i	

Attachment E
Groundwater Migration Control System
Inspection Checklists

VANDALIA-MIGRATION CONTROL SYSTEM OPERATIONS AND MAINTENANCE PLAN TABLE 1 - SITE INSPECTION CHECKLIST

					INSPECTION DATE: 4.8.16 INSPECTION BY: Michael Pasmussum
	MINIMUM F	REQUENCY	INSPECTED/	CORRECTIVE	
_	EVERY	EVERY	TESTED	MEASURES REQ'D	COMMENTS
	WEEK	MONTH	(YES or NO)	(YES or NO)	
SITE SAFETY					
FIRST AID KIT	x		<u> </u>	N	
EYEWASH STATION	х		7	N	
FIRE EXTINGUISHERS\SMOKE DETECTORS	х		7	N	
EMERGENCY LIGHTING	х		ソ	1	
SITE ISSUES	х		ý	1	
SITE SECURITY			•		
FENCING		х	У	N	
GATES		х	Y	N	
LOCKS		х	7	N	
SIGNS		х	Y	N	
SITE		х	Ý	N	
SITE GROUNDS			<u>.</u>	·	
DRAINAGE DITCHES/SWALES		х	У	N	
BUILDING	8	Х	Ý	N	
RECOVERY WELL		х	4	4-	
ACCESS ROAD		х	Y	N	
WASTE					
CARBON	х		4	N	
SOLID	х		7	M	

Notes:

VANDALIA - MIGRATION CONTROL SYSTEM OPERATIONS MAINTENANCE PLAN TABLE 2 - SITE INSPECTION CHECKLIST

							INSPECTION DATE: 4.8.16 INSPECTION BY: M.R.
					INSPECTED/	CORRECTIVE	COMMENTS
	EVERY	EVERY	EVERY 3	MIN. 6 MO.	TESTED	MEASURES REO'D	
	WEEK	MONTH	MONTHS	OR AS REQD(1)	(YES) OR (NO)	(YES or NO)	
GROUNDWATER SYSTEM	WEEK	INCHIT	MUNINS	JAS REGIO(I)	Y >	N/	
VERIFY EQUIPMENT IS OPERATING WITH NO DAMAGE OR LEAKS	x			i	Y	И	
LOG SYSTEM OPERATING PARAMETERS	×			1	Ý	N	
USE PLC TO CHECK SYSTEM OPERATING CONDITIONS	×				Y	N	
TEST LEVEL CONTROLS ETC.	x				У	N	
USE PLC TO VERIFY DIAL OUT STATUS IS ENABLED	x			7.4	4	N	
INSPECT CONTAINMENT SUMP/FLOOR SEAL	x			1. 1.	Y	N	
INSPECT BUILDING AND FOUNDATION INTEGRITY	x				7	H	
INSPECTIVERIFY HEATING AND VENTILATING SYSTEM OPERATIONS	72			x	Y	Ŋ	Test Trip Set Point and Clean Screens and Louvers
INSPECTIVISUALLY CHECK LIGHTING SYSTEM & EMERGENCY SYSTEM	x	1			У	17	*CD-//
VISUALLY INSPECT ELECTRICAL SYSTEM	x	<u> </u>			Ý	N	
VERIFY PUMP OPERATION	x	<u> </u>			<u> </u>	N	
WELL LEVELS - MANUALLY CHECK VWATER LEVEL VS. PLC DATA		x			N		
SAMPLING (SEE TABLE IN NPDES ATTACHMENTS)		x			N	_	29
AIR STRIPPER - CHECK SOLIDS ACCUMULATION				x	N.	_	
CHECK BAG FILTER PRESSURES	x	<u> </u>			У	N	
CHECK CARBON FILTER PRESSURES	x				Y	N	
AIR STRIPPER - CHECK BLOWER OPERATION AND PRESSURE DROP	x				У	N	
AMP TRANSFER PUMP MOTORS		┞		x	N	_	
TRANSFER PUMPS - PERFORM P.M. SERVICE		<u> </u>		x	N	_	
AIR STRIPPER - MEASURE AIR FLOW. FULL INSPECTION		<u> </u>		x	N	~	
CHECK & CALIBRATE INSTRUMENTATION		<u> </u>	<u> </u>	x	N	_	
MANUALLY OPERATE & CHECK VALVES				х	N		
MANUALLY TEST SAFETY INTERLOCKS		-	x		N	_	
					1		1

Notes:

¹ Frequency that may be required is based on manufacturer data for the system equipment, system alarms, and Owner requirements

WELL ID	TIME	WATER LEVEL TOR	TOR ELEVATION	WATER ELEVATION TOR
MW-301D	14:20	3	970.44	AHADA
MW-414D	13:40	28.33	971.91	943.58
MW-413D	13:50	28 24.42	970.13	9 43.51
MW-416D	14:00	22.31	965.84	943.53

Let Well Breath

E retake WL

50

VANDALIA-MIGRATION CONTROL SYSTEM OPERATIONS AND MAINTENANCE PLAN TABLE 1 - SITE INSPECTION CHECKLIST

					INSPECTION DATE: 4/15/16 INSPECTION BY: WJR
	MINIMUM F	REQUENCY	INSPECTED/	CORRECTIVE	
	EVERY	EVERY	TESTED	MEASURES REQ'D	COMMENTS
	WEEK	MONTH	(YES or NO)	(YES or NO) .	
SITE SAFETY			•		
FIRST AID KIT	х		V	N	
EYEWASH STATION	х		У	N	
FIRE EXTINGUISHERS\SMOKE DETECTORS	х		У	N	
EMERGENCY LIGHTING	х		Ż	.2	
SITE ISSUES	x		ý	N	
SITE SECURITY	•			•	
FENCING		х	Y	7	
GATES		х	ý	N	
LOCKS		x	j v	N	
SIGNS		x	Y	N	
SITE		х	У	7	
SITE GROUNDS					
DRAINAGE DITCHES/SWALES		x	У	2	
BUILDING		x	¥	1	
RECOVERY WELL		х	N	NA	
ACCESS ROAD		х	У	N	
WASTE					
CARBON	х		Y	N	
SOLID	х		У	N	

Notes:

							INSPECTION DATE: 4/15/16 INSPECTION BY: WTR
0		1		1	INSPECTED	CORRECTIVE	COMMENTS
	EVERY	EVERY	EVERY 3	MIN. 6 MO.	TESTED	MEASURES REO'D	
GROUNDWATER SYSTEM	WEEK	MONTH	MONTHS	AS REGO(1)	(YES) OR (NO)	(YES or NO)	
ERIFY EQUIPMENT IS OPERATING WITH NO DAMAGE OF LEAKS	v	1			7	<u> </u>	
OG SYSTEM OPERATING PARAMETERS	Ç	1	<u> </u>	† <u>-</u>	5	3	10
ISE PLC TO CHECK SYSTEM OPERATING CONDITIONS	v v	1			Ý	1 4	
EST LEVEL CONTROLS ETC.	x	 			V	7	
USE PLC TO VERIFY DIAL OUT STATUS IS ENABLED	x	 	<u> </u>	<u> </u>	Ý	7	†
NSPECT CONTAINMENT SUMP/FLOOR SEAL	x				ý	N.	
NSPECT BUILDING AND FOUNDATION INTEGRITY	x				V	ິນ	
SPECTIVERIFY HEATING AND VENTILATING SYSTEM OPERATIONS	·			х	Ý	N.	Test Trip Set Point and Clean Screens and Louvers
NSPECTIVISUALLY CHECK LIGHTING SYSTEM & EMERGENCY SYSTEM	x				V	N	
VISUALLY INSPECT ELECTRICAL SYSTEM	х	1			Ý	N	
ERIFY PUMP OPERATION	×		i T		1	N	1
WELL LEVELS - MANUALLY CHECK VWATER LEVEL VS. PLC DATA		x				_	
AMPLING (SEE TABLE IN NPDES ATTACHMENTS)		x			N	_	
IR STRIPPER - CHECK SOLIDS ACCUMULATION				x	17	-	
CHECK BAG FILTER PRESSURES	x				4	N	
CHECK CARBON FILTER PRESSURES	х				Ÿ	N	
IA STRIPPER - CHECK BLOWER OPERATION AND PRESSURE DROP	х				ý	N	
AMP TRANSFER PUMP MOTORS				x			
TRANSFER PUMPS - PERFORM P.M. SERVICE				x		_	
IR STRIPPER - MEASURE AIR FLOW, FULL INSPECTION				x	2	~	
CHECK & CALIBRATE INSTRUMENTATION				x	N		
MANUALLY OPERATE & CHECK VALVES				x	الم	_	
MANUALLY TEST SAFETY INTERLOCKS			x		N	-	
		<u> </u>					

¹ Frequency that may be required is based on manufacturer data for the system equipment, system alarms, and Owner requirements

WELL ID	TIME	WATER LEVEL TOR	TOR ELEVATION	WATER ELEVATION TOR
MW-301D	18:05	26.42	970.44	944.02
MW-4140	17:38	28.84	971.91	943.07
MW-413D	17:55	27.15	970.13	94298
MW-416D	17:45	22.86	965.84	94298

		*			INSPECTION DATE: 4/19/16 INSPECTION BY: WIR.
	MINIMUM F	REQUENCY	INSPECTED/	CORRECTIVE	
	EVERY	EVERY	TESTED	MEASURES REQ'D	COMMENTS
	WEEK	МОМТН	(YES or NO)	(YES or NO)	
SITE SAFETY					
FIRST AID KIT	х		У	N N	
EYEWASH STATION	x		У	7	
FIRE EXTINGUISHERS\SMOKE DETECTORS	х		У	~1	9
EMERGENCY LIGHTING	х		·v	N	
SITE ISSUES	х		ý	7	
SITE SECURITY			•	•	
FENCING		Х	Y	N	
GATES		Х	Ý	N	
LOCKS		х	У	N	
SIGNS		x	ý	N	100
SITE		х	Ÿ	N	
SITE GROUNDS			•		
DRAINAGE DITCHES/SWALES		х	7	N	
BUILDING		х	= ý	N	
RECOVERY WELL		х	N	NA	
ACCESS ROAD		х	У	N	
WASTE					1
CARBON	х		4	N	
SOLID	х		У	N	

							INSPECTION BATE: 4/19/16 INSPECTION BY: WJR
					INSPECTED	CORRECTIVE	COMMENTS
	EVERY	EVERY	EVERY 3	MIN. 6 MO. OR	TESTED	MEASURES REO'D	
	WEEK	монтн	MONTHS	AS REQD(1)	(YES) OR (NO)	(YES or NO)	
GROUNDWATER SYSTEM	<u>L</u>	<u> </u>	ļ	<u> </u>	V	N	
ERIFY EQUIPMENT IS OPERATING WITH NO DAMAGE OR LEAKS	х			122	Ý	N	
OG SYSTEM OPERATING PARAMETERS	x				Ÿ	N	
SE PLC TO CHECK SYSTEM OPERATING CONDITIONS	x				ý	N	
EST LEVEL CONTROLS ETC.	х				4	7	
ISE PLC TO VERIFY DIAL OUT STATUS IS ENABLED	x				Ý		
NSPECT CONTAINMENT SUMP/FLOOR SEAL	x				Ÿ	N 80	
ISPECT BUILDING AND FOUNDATION INTEGRITY	x				Ÿ	N	
SPECT/VERIFY HEATING AND VENTILATING SYSTEM OPERATIONS				x ***	У	N	Test Trip Set Point and Clean Screens and Louvers
ISPECTIVISUALLY CHECK LIGHTING SYSTEM & EMERGENCY SYSTEM	×				У	N	
ISUALLY INSPECT ELECTRICAL SYSTEM	х				Ý	2	
ERIFY PUMP OPERATION	x				Ý	7	
VELL LEVELS - MANUALLY CHECK VWATER LEVEL VS. PLC DATA		x			Ĺ ÁL		
AMPLING (SEE TABLE IN NPDES ATTACHMENTS)		x			N		
R STRIPPER - CHECK SOLIDS ACCUMULATION				x	N	<u> </u>	
CHECK BAG FILTER PRESSURES	x				Ÿ	N	
CHECK CARBON FILTER PRESSURES	x				Ÿ	N	
R STRIPPER - CHECK BLOWER OPERATION AND PRESSURE DROP	х				Ý	N	
MP TRANSFER PUMP MOTORS				х	N.		
RANSFER PUMPS - PERFORM P.M. SERVICE				x	N		
R STRIPPER - MEASURE AIR FLOW, FULL INSPECTION				x	N	_	
HECK & CALIBRATE INSTRUMENTATION				x	N		
NANUALLY OPERATE & CHECK VALVES				х	N		
NANUALLY TEST SAFETY INTERLOCKS			x		N		

¹ Frequency that may be required is based on manufacturer data for the system equipment, system alarms, and Owner requirements

WELL ID	TIME	WATER LEVEL TOR	TOR ELEVATION	WATER ELEVATION TOR
MW-301D	14:32	28.61	970.44	942.43
MW-414D	13:52	29.34	971.91	942.57
MW-413D	14:04	27.65	970.13	942.48
MW-416D	13:57	23.38	965.84	942.46

					INSPECTION DATE: 4.29.16 INSPECTION BY: M.C.
	MINIMUM F	REQUENCY	INSPECTED/	CORRECTIVE	
	EVERY	EVERY	TESTED	MEASURES REQ'D	COMMENTS
	WEEK	MONTH	(YES or NO)	(YES or NO)	
SITE SAFETY					-
FIRST AID KIT	х		Y	Н	
EYEWASH STATION	х		Υ	<i>K</i>	
FIRE EXTINGUISHERS\SMOKE DETECTORS	х		Y	N	
EMERGENCY LIGHTING	x	J	Y	N	
SITE ISSUES	х		У	N	
SITE SECURITY					
FENCING		х	7	N	
GATES		х	Y	N	
LOCKS		х	Y	N	
SIGNS		х	У	Ň	
SITE		х	Ý	N	
SITE GROUNDS				·	
DRAINAGE DITCHES/SWALES		х	Y	Ŋ	
BUILDING		х	Y	N	
RECOVERY WELL		х	Ż	-	
ACCESS ROAD		х	Υ	N	
WASTE					
CARBON	х		У	N/	(arbon Bypessed
SOLID	х		γ	N	

							INSPECTION DATE: 4.29.14 INSPECTION BY: MR
					INSPECTED/	CORRECTIVE	COMMENTS
	EVERY	EVERY	EVERY 3	MIN. 6 MQ.	TESTED	MEASURES REQ'D	
			1	OR			
	WEEK	MONTH	MONTHS	AS REQD(1)	(YES) OR (NO)	(YES or NO)	
GROUNDWATER SYSTEM					Α,	H	
VERIFY EQUIPMENT IS OPERATING WITH NO DAMAGE OR LEAKS	x			<u> </u>	Υ	_N	
LOG SYSTEM OPERATING PARAMETERS	x		<u> </u>		Y		<u></u>
USE PLC TO CHECK SYSTEM OPERATING CONDITIONS	х				Ý	Ň	
TEST LEVEL CONTROLS ETC.	x				Y	N	
USE PLC TO VERIFY DIAL OUT STATUS IS ENABLED	х				Y	N	
INSPECT CONTAINMENT SUMP/FLOOR SEAL	x				Y	N	Sump still getting clogges
INSPECT BUILDING AND FOUNDATION INTEGRITY	x	1			7	N	0 () 00
INSPECTIVERIFY HEATING AND VENTILATING SYSTEM OPERATIONS	Τ	Ī		x	N	-	Test Trip Set Point and Clean Screens and Louvers
INSPECTIVISUALLY CHECK LIGHTING SYSTEM & EMERGENCY SYSTEM	х				7	K	
VISUALLY INSPECT ELECTRICAL SYSTEM	х	-			Y	72	
VERIFY PUMP OPERATION	x				Y_	7	
WELL LEVELS - MANUALLY CHECK VWATER LEVEL VS. PLC DATA	-	x			N.		
SAMPLING (SEE TABLE IN NPDES ATTACHMENTS)		х			N		
AIR STRIPPER - CHECK SOLIDS ACCUMULATION			1	x	N		
CHECK BAG FILTER PRESSURES	х				7	N.	
CHECK CARBON FILTER PRESSURES	х .				N	7	Carbon Filter Bypassed
AIR STRIPPER - CHECK BLOWER OPERATION AND PRESSURE DROP	x	1			Υ	7	
AMP TRANSFER PUMP MOTORS				x	2	始一	
TRANSFER PUMPS - PERFORM P.M. SERVICE				×	N	121	
AIR STRIPPER - MEASURE AIR FLOW, FULL INSPECTION	-	1		х	N	M -	
CHECK & CALIBRATE INSTRUMENTATION				x	h	W -	1
MANUALLY OPERATE & CHECK VALVES				x	N	N-	
MANUALLY TEST SAFETY INTERLOCKS	†		х .		N	M -	
THE REAL PROPERTY AND A STATE OF THE PERSON WITH			ľ			İ	
	 	1	1				

Notes:

WELL ID	TIME	WATER LEVEL TOR	TOR ELEVATION	WATER ELEVATION TOR
MW-301D			970.44	
MW-414D			971.91	
MW-413D			970.13	
MW-416D			965.84	

Restart System W.L. on transducers

¹ Frequency that may be required is based on manufacturer data for the system equipment, system alarms, and Owner requirements

		•			INSPECTION DATE: 5/6/16 INSPECTION BY: WJR
	MINIMUM FI	REQUENCY	INSPECTED/	CORRECTIVE	
	EVERY	EVERY	TESTED	MEASURES REQ'D	COMMENTS
	WEEK	MONTH	(YES or NO)	(YES or NO)	
SITE SAFETY					
FIRST AID KIT	х		У	N	
EYEWASH STATION	Х		ÿ	ر ا	
FIRE EXTINGUISHERS\SMOKE DETECTORS	х	<u> </u>	<u> </u>	(۸	
EMERGENCY LIGHTING	х		У	N	
SITE ISSUES	х		ý	الم	
SITE SECURITY				<u> </u>	
FENCING		х	Y	N	
GATES		х	У	N	
LOCKS		х	ý	N	
SIGNS		х	У	~	
SITE		х	У	N	
SITE GROUNDS			(#)	•	
DRAINAGE DITCHES/SWALES		х	7	N	
BUILDING		х	ÿ	N	
RECOVERY WELL		х	W	-	
ACCESS ROAD		х	y	N	
WASTE			·		
CARBON	х		У	N	
SOLID	Х		Y	N	

GROUNDWATER SYSTEM VERIFY EQUIPMENT IS OPERATING WITH NO DAMAGE OR LEAKS X LOG SYSTEM OPERATING PARAMETERS X USE PLC TO CHECK SYSTEM OPERATING CONDITIONS X TEST LEVEL CONTROLS ETC. X USE PLC TO VERIFY DIAL OUT STATUS IS ENABLED X INSPECT CONTAINMENT SUMP/FLOOR SEAL X INSPECT BUILDING AND FOUNDATION INTEGRITY X	VEEK		l .	MIN. 6 MO.	INSPECTED/ TESTED	CORRECTIVE	COMMENTS
GROUNDWATER SYSTEM VERIFY EQUIPMENT IS OPERATING WITH NO DAMAGE OR LEAKS X LOG SYSTEM OPERATING PARAMETERS X USE PLC TO CHECK SYSTEM OPERATING CONDITIONS X TEST LEVEL CONTROLS ETC. X USE PLC TO VERIFY DIAL OUT STATUS IS ENABLED X INSPECT CONTAINMENT SUMP/FLOOR SEAL X INSPECT BUILDING AND FOUNDATION INTEGRITY X					TESTED	MEASURES SEOIC	
GROUNDWATER SYSTEM VERIFY EQUIPMENT IS OPERATING WITH NO DAMAGE OR LEAKS X LOG SYSTEM OPERATING PARAMETERS X USE PLC TO CHECK SYSTEM OPERATING CONDITIONS X TEST LEVEL CONTROLS ETC. X USE PLC TO VERIFY DIAL OUT STATUS IS ENABLED X INSPECT CONTAINMENT SUMP/FLOOR SEAL X INSPECT BUILDING AND FOUNDATION INTEGRITY X	WEEK	MONTH		Он		MEASURES REQ'D	
GROUNDWATER SYSTEM VERIFY EQUIPMENT IS OPERATING WITH NO DAMAGE OR LEAKS X LOG SYSTEM OPERATING PARAMETERS X USE PLC TO CHECK SYSTEM OPERATING CONDITIONS X TEST LEVEL CONTROLS ETC. X USE PLC TO VERIFY DIAL OUT STATUS IS ENABLED X INSPECT CONTAINMENT SUMP/FLOOR SEAL X INSPECT BUILDING AND FOUNDATION INTEGRITY X	t t			AS REGD(1)	(YES) OR (NO)	(YES or NO)	
LOG SYSTEM OPERATING PARAMETERS X JSE PLG TO CHECK SYSTEM OPERATING CONDITIONS X IEST LEVEL CONTROLS ETC. X USE PLC TO VERIFY DIAL OUT STATUS IS ENABLED X INSPECT CONTAINMENT SUMP/FLOOR SEAL X INSPECT BUILDING AND FOUNDATION INTEGRITY X	t t		L		Y	N)	
USE PLC TO CHECK SYSTEM OPERATING CONDITIONS X FEST LEVEL CONTROLS ETC. X USE PLC TO VERIFY DIAL OUT STATUS IS ENABLED X INSPECT CONTAINMENT SUMP/FLOOR SEAL X INSPECT BUILDING AND FOUNDATION INTEGRITY X	t t				Ý	2	
TEST LEVEL CONTROLS ETC. X USE PLC TO VERIFY DIAL OUT STATUS IS ENABLED X INSPECT CONTAINMENT SUMP/FLOOR SEAL X INSPECT BUILDING AND FOUNDATION INTEGRITY X	(V	, N	
USE PLC TO VERIFY DIAL OUT STATUS IS ENABLED X INSPECT CONTAINMENT SUMP/FLOOR SEAL X INSPECT BUILDING AND FOUNDATION INTEGRITY					N	N	
INSPECT CONTAINMENT SUMP/FLOOR SEAL X INSPECT BUILDING AND FOUNDATION INTEGRITY X	(Y	Ň	
INSPECT BUILDING AND FOUNDATION INTEGRITY X					ý		
	(Ÿ	N	
	(y y		
INSPECTIVERIFY HEATING AND VENTILATING SYSTEM OPERATIONS				х	y	7	Test Trip Set Point and Clean Screens and Louvers
INSPECTIVISUALLY CHECK LIGHTING SYSTEM & EMERGENCY SYSTEM X	t				4	Al.	
VISUALLY INSPECT ELECTRICAL SYSTEM X	(Ÿ	N	
VERIFY PUMP OPERATION X	(Ý	N	
WELL LEVELS - MANUALLY CHECK VWATER LEVEL VS. PLC DATA		x			N		
SAMPLING (SEE TABLE IN NPDES ATTACHMENTS)		x			N	_	
NIR STRIPPER - CHECK SOLIDS ACCUMULATION				x	N/	_	
CHECK BAG FILTER PRESSURES X					Υ.	N	
CHECK CARBON FILTER PRESSURES X					i i	N	Carpon off-line
NR STRIPPER - CHECK BLOWER OPERATION AND PRESSURE DROP X					Y		
AMP TRANSFER PUMP MOTORS				x	N		
TRANSFER PUMPS - PERFORM P.M. SERVICE				x	N	_	
AIR STRIPPER - MEASURE AIR FLOW, FULL INSPECTION				x	N	_	
CHECK & CALIBRATE INSTRUMENTATION				х			
MANUALLY OPERATE & CHECK VALVES				x	N	-	
MANUALLY TEST SAFETY INTERLOCKS			x		N		

¹ Frequency that may be required is based on manufacturer data for the system equipment, system alarms, and Owner requirements

WELL ID	TIME	WATER LEVEL TOR	TOR ELEVATION	WATER ELEVATION TOR
MW-301D	16:10	27.73	970.44	942.67
MW-414D	15144	29.79	971.91	942.12
MW-413D	16:00	28.10	970.13	942.63
MW-416D	15:53	2.3.81	965.84	942.03

			1-		INSPECTION DATE: 5/13/16 INSPECTION BY: WIR
	MINIMUM F	REQUENCY	INSPECTED/	CORRECTIVE	
	EVERY	EVERY	TESTED	MEASURES REQ'D	COMMENTS
	WEEK	MONTH	(YES or NO)	(YES or NO)	
SITE SAFETY			_		
FIRST AID KIT	х	<u> </u>	Y	N	
EYEWASH STATION	х		У	N	io:
FIRE EXTINGUISHERS\SMOKE DETECTORS	х		У	N	
EMERGENCY LIGHTING	x		<u>y</u>	N	
SITE ISSUES	х		l ý	N	
SITE SECURITY			-		
FENCING]x	У	N	
GATES		x	7	N	
LOCKS		х	У	N	
SIGNS		х	У	N	
SITE		x	У	N	
SITE GROUNDS				, ·	
DRAINAGE DITCHES/SWALES		х	У	N	
BUILDING		х	у	, ,	
RECOVERY WELL		х	N	-	
ACCESS ROAD		х	ý	N	
WASTE					
CARBON	х		У	N	
SOLID	х		Ÿ	N	

							INSPECTION BY: WJR
					INSPECTED	CORRECTIVE	COMMENTS
	EVERY	EVERY	EVERY 3	MIN. 6 MO. OR	TESTED	MEASURES REQ'D	
	WEEK	MONTH	MONTHS	AS REOD(1)	(YES) OR (NO)	(YES or NO)	
GROUNDWATER SYSTEM					<u> </u>	N.	
VERIFY EQUIPMENT IS OPERATING WITH NO DAMAGE OR LEAKS	х				У	N	
LOG SYSTEM OPERATING PARAMETERS	х .				Ý	N	
USE PLC TO CHECK SYSTEM OPERATING CONDITIONS	x				Ÿ	N	
TEST LEVEL CONTROLS ETC.	х				Y	N	
USE PLC TO VERIFY DIAL OUT STATUS IS ENABLED	х		<u> </u>	<u> </u>	У	N	
INSPECT CONTAINMENT SUMP/FLOOR SEAL	х				4	N	
INSPECT BUILDING AND FOUNDATION INTEGRITY	x		1		Ý	N	
INSPECTIVERIFY HEATING AND VENTILATING SYSTEM OPERATIONS				x	N		Test Trip Set Point and Clean Screens and Louvers
INSPECTIVISUALLY CHECK LIGHTING SYSTEM & EMERGENCY SYSTEM	x _				Y	N	
VISUALLY INSPECT ELECTRICAL SYSTEM	х				Ÿ	N	
VERIFY PUMP OPERATION	х				l Y	N	
WELL LEVELS - MANUALLY CHECK VWATER LEVEL VS. PLC DATA		×			N	_	
SAMPLING (SEE TABLE IN NPDES ATTACHMENTS)		x			N	_	
AIR STRIPPER - CHECK SOLIDS ACCUMULATION			<u> </u>	х	N	_	
CHECK BAG FILTER PRESSURES	x		1		Y	N	
CHECK CARBON FILTER PRESSURES	х				N		57
AIR STRIPPER - CHECK BLOWER OPERATION AND PRESSURE DROP	х				Y	7	
AMP TRANSFER PUMP MOTORS				x	~		
TRANSFER PUMPS - PERFORM P.M. SERVICE				x	N	_	
AIR STRIPPER - MEASURE AIR FLOW, FULL INSPECTION				х	N	~	
CHECK & CALIBRATE INSTRUMENTATION				x	N		
MANUALLY OPERATE & CHECK VALVES				x	N	_	
MANUALLY TEST SAFETY INTERLOCKS			х		N		

Notes:

WELL IO	TIME	WATER LEVEL TOR	TOR ELEVATION	WATER ELEVATION TOR
MW-301D-			970.44	
MW-414D			971.91	
MW-413D			970.13	
MW-416D			965.84	

Water levels not recorded; HW-301D submerged due to recent rain event

¹ Frequency that may be required is based on manufacturer data for the system equipment, system alarms, and Owner requirements

					INSPECTION DATE: 5/17/ル INSPECTION BY: WJア
	MINIMUM F	REQUENCY	INSPECTED/	CORRECTIVE	3
	EVERY	EVERY	TESTED	MEASURES REQ'D	COMMENTS
Ÿ	WEEK	MONTH	(YES or NO)	(YES or NO)	
SITE SAFETY					
FIRST AID KIT	х		Y	N	
EYEWASH STATION	х	1	Y	N	
FIRE EXTINGUISHERS\SMOKE DETECTORS	х		Y	N	
EMERGENCY LIGHTING	х		У	N1	
SITE ISSUES	х		Ý	N	
SITE SECURITY			•	•	
FENCING		х	Y	N	
GATES		x	Y	N	
LOCKS		x	y	N	
SIGNS		х	У	N	
SITE		х	У	N	
SITE GROUNDS			•	•	
DRAINAGE DITCHES/SWALES		х	y	N_	
BUILDING		х	ý	N	117
RECOVERY WELL		х	У	N	
ACCESS ROAD		х	y a	N	
WASTE			•		
CARBON	х		Y	N	
SOLID	х		У	N	

INSPECTED/ CORRECTIVE	ection date: 5/19/16 ection by: WJR
GROUNDWATER SYSTEM WEEK MONTH MONTHS AS REOO(1) (YES) OR (NO) (YES OR NO) WERRY COUPMENT IS OPERATING WITH NO DAMAGE OR LEAKS X LOG SYSTEM OPERATING PARAMETERS X LOG SYSTEM OPERATING PARAMETERS X Y A JES PLC TO CHECK SYSTEM DEPERATING CONDITIONS X WEEK CONTROLS ETC. X USE PLC TO CHECK SYSTEM OPERATING CONDITIONS X WEST LEVEL CONTROLS ETC. X USE PLC TO VERIPY DIAL OUT STATUS IS ENABLED X WISPECT CONTAINMENT SUMP/FLOOR SEAL X WISPECT SUILDING AND FOUNDATION INTEGRITY X WERE SUILDING AND FOUNDATION INTEGRITY X WELL LEVELS - HARVIALLY CHECK LIGHTING SYSTEM A EMERGENCY SYSTEM X WELL LEVELS - HARVIALLY CHECK WATER LEVEL VS PLC DATA X WELL LEVELS - HARVIALLY CHECK WATER LEVEL VS PLC DATA X WELL LEVELS - HARVIALLY CHECK WATER LEVEL VS PLC DATA X WELL LEVELS - HARVIALLY CHECK WATER LEVEL VS PLC DATA X WELL LEVELS - HARVIALLY CHECK WATER LEVEL VS PLC DATA X WELL LEVELS - HARVIALLY CHECK WATER LEVEL VS PLC DATA X WERE STRIPPER - CHECK SOLIDS ACCUMULATION X WE STRIPPER - CHECK SOLIDS ACCUMULATION X AND TRANSFER PLIMP MOTORS X AND TRANSFER PLIMP MOTORS X AND TRANSFER PLIMP MOTORS X TRANSFER PLIMPS - PERFORM P M SERVICE X NO STRIPPER - MEASURE AIR FLOW. FULL INSPECTION X CHECK CADIBRATE INSTRUMENTATION X CHECK CALIBRATE INSTRUMENTATION X CHECK CALIBRATE INSTRUMENTATION	COMMENTS
GROUNDWATER SYSTEM VERIFY EQUIPMENT IS OPERATING WITH NO DAMAGE OR LEAKS X LOG SYSTEM OPERATING PARAMETERS X USE PLC TO CHECK SYSTEM DEPRATING CONDITIONS X USE PLC TO VERIFY DIAL OUT STATUS IS ENABLED X USE PLC TO VERIFY DIAL OUT STATUS IS ENABLED X USE PLC TO VERIFY DIAL OUT STATUS IS ENABLED X USE PLC TO VERIFY DIAL OUT STATUS IS ENABLED X USEPCTIVENIAL OUT SUMP/FLOOR SEAL X Y NISPECTIVENIAL OUT SUMP/FLOOR SEAL X NSPECTIVENIAL OUT SUMP/FLOOR SEAL X VISUALLY INSPECT CLECK LIGHTING SYSTEM & EMERGENCY SYSTEM X VISUALLY INSPECT CLECK LIGHTING SYSTEM & EMERGENCY SYSTEM X VISUALLY INSPECT CLECTRICAL SYSTEM X VERIFY PUMP OPERATION X VERIFY PUMP OPERA	
VERIFY EQUIPMENT IS OPERATING WITH NO DAMAGE OR LEAKS X LOG SYSTEM OPERATING PARAMETERS X USE PLC TO CHECK SYSTEM OPERATING CONDITIONS X V V V V V V V V V V V V	
LOG SYSTEM OPERATING PARAMETERS X JSE PLC TO CHECK SYSTEM OPERATING CONDITIONS X JSE PLC TO VERIFY DIAL OUT STATUS IS ENABLED X JINSPECT CONTAINMENT SUMP/FLOOR SEAL. X JSE PLC TO VERIFY DIAL OUT STATUS IS ENABLED X JSE PLC TO VERIFY DIAL OUT STATUS X JSE PLC TO VERIFY DIAL OUT STATUS X JSE PLC TO VERIFY DIAL OUT STA	
JISE PLG TO CHECK SYSTEM OPERATING CONDITIONS X Y JUSE PLG TO CHECK SYSTEM OPERATING CONDITIONS X USE PLG TO VERIFY DIAL OUT STATUS IS ENABLED X WEST LEVEL CONTROLS ETC. X WEST LEVEL CONTROLS ETC. X WEST TO VERIFY DIAL OUT STATUS IS ENABLED X WEST TO VERIFY DIAL OUT STATUS IS ENABLED X WEST TO VERIFY PUND OPERATING AND FOUNDATION INTEGRITY X NESPECTIVERIFY HEATING AND FOUNDATION INTEGRITY X WISUALLY INSPECT ELECTRICAL SYSTEM & EMERGENCY SYSTEM X WISUALLY INSPECT ELECTRICAL SYSTEM X WEST TO VERIFY PUMP OPERATION X WEST TO VERIFY PUMP MOTORS X WEST TO VERIFY PUMP MOTORS X WEST TO VERIFY PUMP MOTORS X WEST TRANSFER PUMP MOTORS X WEST TO VERIFY WAS AND WAS AND PRESSURE DROP X WEST TO VERIFY WAS AND WAS AND PRESSURE DROP X WEST TO VERIFY WAS AND WAS AND PRESSURE DROP X WEST TO VERIFY WAS AND WAS AND PRESSURE DROP X WEST TO VERIFY WAS AND WAS AND PRESSURE DROP X WEST TO VERIFY WAS AND WAS AND PRESSURE DROP X WEST TO VERIFY WAS AND WAS AND PRESSURE DROP X WEST TO VERIFY WAS AND PRESSURE WAS AND PRESSURE DROP X WEST TO VERIFY WAS AND PRESSURE WAS AND PRESSURE DROP X WEST TO VERIFY WAS AND PRESSURE WAS AND PRE	
EST LEVEL CONTROLS ETC. X USE PLC TO VERHY DIAL OUT STATUS IS ENABLED X NSPECT CONTAINMENT SUMP/FLOOR SEAL X NSPECT BUILDING AND FOUNDATION INTEGRITY X NSPECTIVERHY HEATING AND VENTILATING SYSTEM OPERATIONS X Y NSPECTIVISUALLY CHECK LIGHTING SYSTEM & EMERGENCY SYSTEM X VISUALLY INSPECT ELECTRICAL SYSTEM X VISUALLY INSPECT ELECTRICAL SYSTEM X VIERHY PUMP OPERATION X WELL LEVELS - MANUALLY CHECK WATER LEVEL VS PLC DATA X MANUALLY CHECK SOLIDS ACCUMULATION X X X X X X X X X X X X X	
USE PLC TO VERIFY DIAL OUT STATUS IS ENABLED X INSPECT CONTAINMENT SUMP/FLOOR SEAL X INSPECT BUILDING AND FOUNDATION INTEGRITY X NSPECTIVERIFY HEATING AND VENTILATING SYSTEM OPERATIONS X TEST TIPP INSPECTIVE LIGHTING SYSTEM & EMERGENCY SYSTEM X VISUALLY CHECK LIGHTING SYSTEM & EMERGENCY SYSTEM X VISUALLY INSPECT ELECTRICAL SYSTEM X VERIFY PUMP OPERATION X VERIFY PUMP OPERATION X VERIFY PUMP OPERATION X X AMPLING (SEE TABLE IN NPDES ATTACHMENTS) X X X X X X X X X X X X X	
INSPECT CONTAINMENT SUMP/FLOOR SEAL X INSPECT BUILDING AND FOUNDATION INTEGRITY X Y NSPECTIVERIFY HEATING AND VENTILATING SYSTEM OPERATIONS X Test Trip INSPECTIVISUALLY CHECK LIGHTING SYSTEM & EMERGENCY SYSTEM X VISUALLY INSPECT ELECTRICAL SYSTEM X VISUALLY INSPECT ELECTRICAL SYSTEM X VIERIFY PUMP OPERATION X WELL LEVELS - MANUALLY CHECK CONTENTS X WELL LEVELS - MANUALLY CHECK WATER LEVEL VS. PLC DATA X AND STRIPPER - CHECK SOLIDS ACCUMULATION CHECK BAG FILTER PRESSURES X CHECK CARBON FILTER PRESSURES X AND CHECK CARBON FILTER PRESSURES X AMP TRANSFER PUMP MOTORS X AMP TRANSFER PUMP MOTORS X CHECK SOLIDS ACCUMULATION X AMP TRANSFER PUMP MOTORS X AMP TRANSFER PUMP MOTORS X CHECK AGRON FILTER PRESSURE PRESSURE DROP X AMP TRANSFER PUMP MOTORS X CHECK AGRON FILTER PRESSURE ARE PLOW. FULL INSPECTION X CHECK & CALBBRATE INSTRUMENTATION	
INSPECT BUILDING AND FOUNDATION INTEGRITY X NSPECTIVERIFY HEATING AND VENTILATING SYSTEM OPERATIONS X X X X X X X X X X X X X	
NSPECTIVERIFY HEATING AND FOUNDATION INTEGRITY NSPECTIVERIFY HEATING AND VENTILATING SYSTEM OPERATIONS NSPECTIVISUALLY CHECK LIGHTING SYSTEM & EMERGENCY SYSTEM X VISUALLY INSPECT ELECTRICAL SYSTEM X VIERIFY PUMP OPERATION X VERLIFY PUMP OPERATION X VERLIFY PUMP OPERATION X X X X X X X X X X X X X	
NSPECTIVISUALLY CHECK LIGHTING SYSTEM & EMERGENCY SYSTEM X VISUALLY INSPECT ELECTRICAL SYSTEM X VISUALLY INSPECT ELECTRICAL SYSTEM X VERIFY PUMP OPERATION X VERIFY PUMP MOTORS X VERIFY PU	5
VISUALLY INSPECT ELECTRICAL SYSTEM X VERIFY PUMP OPERATION X WELL LEVELS - MANUALLY CHECK WATER LEVEL VS PLC DATA X MANUALLY CHECK WATER LEVEL VS PL	Set Point and Clean Screens and Louvers
VISUALLY INSPECT ELECTRICAL SYSTEM X VERIFY PUMP OPERATION X WELL LEVELS - MANUALLY CHECK WATER LEVEL VS PLC DATA X MANUALLY CHECK WATER LEVEL VS PL	
WELL LEVELS - MANUALLY CHECK VWATER LEVEL VS PLC DATA X SAMPLING (SEE TABLE IN NPDES ATTACHMENTS) X X X X X X X X X X X X X	
AMPLING (SEE TABLE IN NPDES ATTACHMENTS) X IN STRIPPER - CHECK SOLIDS ACCUMULATION X CHECK BAG FILTER PRESSURES X CHECK CARBON FILTER PRESSURES X CHECK CARBON FILTER PRESSURES X CHECK CARBON FILTER PRESSURES X CHECK BLOWER OPERATION AND PRESSURE DROP X AMP TRANSFER PUMP MOTORS TRANSFER PUMP MOTORS X TRANSFER PUMPS - PERFORM P. M. SERVICE X X CHECK & CALIBRATE INSTRUMENTATION	
AMPLING (SEE TABLE IN NPDES ATTACHMENTS) IN STRIPPER - CHECK SOLIDS ACCUMULATION CHECK BAG FILTER PRESSURES X CHECK CARBON FILTER PRESSURES X CHECK CARBON FILTER PRESSURES X CHECK BLOWER OPERATION AND PRESSURE DROP X AMP TRANSFER PUMP MOTORS TRANSFER PUMP MOTORS X TRANSFER PUMPS - PERFORM P.M. SERVICE X CHECK & CALIBRATE INSTRUMENTATION X CHECK & CALIBRATE INSTRUMENTATION X CHECK & CALIBRATE INSTRUMENTATION	
CHECK BAG FILTER PRESSURES CHECK CARBON FILTER PRESSURES X CHECK BLOWER OPERATION AND PRESSURE DROP X CHECK BLOWER OPERATION X C	
CHECK CARBON FILTER PRESSURES X	
AMR STRIPPER - CHECK BLOWER OPERATION AND PRESSURE DROP X Y N AMP TRANSFER PUMP MOTORS X Y N TRANSFER PUMPS - PERFORM P.M. SERVICE X N IN STRIPPER - MEASURE AIR FLOW. FULL INSPECTION X N CHECK & CALIBRATE INSTRUMENTATION X N CHECK & CALIBRATE INSTRUMENTATION X N CHECK A CALIBRATE INST	
AMP TRANSFER PUMP MOTORS X TRANSFER PUMPS - PERFORM P.M. SERVICE X X X X CHECK & CALIBRATE INSTRUMENTATION X X X X X X X X X X X X X	
TRANSFER PUMPS - PERFORM P.M. SERVICE X X — X — X — X — X — X X — X — X X — X X — X X X — X X X — X X X X — X X X X — X	
AR STRIPPER - MEASURE AIR FLOW, FULL INSPECTION X — CHECK & CALIBRATE INSTRUMENTATION X —	
CHECK & CALIBRATE INSTRUMENTATION X N —	
MANUALLY OPERATE & CHECK VALVES X N. —	
MANUALLY TEST SAFETY INTERLOCKS X	

¹ Frequency that may be required is based on manufacturer data for the system equipment, system alarms, and Owner requirements

WELL ID	TIME	WATER LEVEL TOR	TOR ELEVATION	WATER ELEVATION TOR
MW-301D	17:30	29.19	970.44	941.25
MW-414D	17:10	30.54	971.91	941.37
MW-413D	17:25	28.85	970.13	941.28
MW-416D	17-15	2455	965.84	941.29

					INSPECTION DATE: 5-27-16 INSPECTION BY: ELS
	MINIMUM F	REQUENCY	INSPECTED/	CORRECTIVE	
	EVERY	EVERY	TESTED	MEASURES REQ'D	COMMENTS
	WEEK	MONTH	(YES or NO)	(YES or NO)	
SITE SAFETY					19.
FIRST AID KIT	х		4	N	
EYEWASH STATION	х		y	N	=
FIRE EXTINGUISHERS\SMOKE DETECTORS	х		7	У	Needs Service for yearly check
EMERGENCY LIGHTING	х		y	N	
SITE ISSUES	Х		4	N	.ti
SITE SECURITY		_			
FENCING		х	٦	N	
GATES		х	7	N to	
LOCKS		х	4	N	
SIGNS		х	ÿ	A)	
SITE		х	7	N	
SITE GROUNDS					2
DRAINAGE DITCHES/SWALES		х	У	N	
BUILDING		х	Ý	N	
RECOVERY WELL		х	Y	N	
ACCESS ROAD		х	Y	N	
WASTE					
CARBON	х		4	N	CALBON REMOVED FROM VETGELS 5/24
SOLID	х		Ÿ	N	

							INSPECTION DATE: 5-27-14 INSPECTION BY: ELS
					INSPECTED	CORRECTIVE	COMMENTS
	EVERY	EVERY	EVERY 3	MIN. 6 MO. OR	TESTED	MEASURES REQ'D	
	WEEK	MONTH	MONTHS	AS REQD(1)	(YES) OR (NO)	(YES of NO)	
GROUNDWATER SYSTEM							
VERIFY EQUIPMENT IS OPERATING WITH NO DAMAGE OR LEAKS	х				7	N.	
LOG SYSTEM OPERATING PARAMETERS	х				4	یر	
USE PLC TO CHECK SYSTEM OPERATING CONDITIONS	х				7	٦,	
TEST LEVEL CONTROLS ETC.	x				7	N	
USE PLC TO VERIFY DIAL OUT STATUS IS ENABLED	x				٧	N	
INSPECT CONTAINMENT SUMP/FLOOR SEAL	x				4		
INSPECT BUILDING AND FOUNDATION INTEGRITY	x				Ý	N	
INSPECTIVERIFY HEATING AND VENTILATING SYSTEM OPERATIONS				x			Test Trip Set Point and Clean Screens and Louvers
INSPECTIVISUALLY CHECK LIGHTING SYSTEM & EMERGENCY SYSTEM	×			Y//	У	N	
VISUALLY INSPECT ELECTRICAL SYSTEM	х				Y	N	
VERIFY PUMP OPERATION	×				9	N N	
WELL LEVELS - MANUALLY CHECK VWATER LEVEL VS. PLC DATA		x			Ý	N N	
SAMPLING (SEE TABLE IN NPDES ATTACHMENTS)		x			Ÿ	N	
AIR STRIPPER - CHECK SOLIDS ACCUMULATION		1		x	'		
CHECK BAG FILTER PRESSURES	х				y	7	
CHECK CARBON FILTER PRESSURES	х				У	N	
AIR STRIPPER - CHECK BLOWER OPERATION AND PRESSURE DROP	х				4	N	
AMP TRANSFER PUMP MOTORS				х			
TRANSFER PUMPS - PERFORM P.M. SERVICE				x			
AIR STRIPPER - MEASURE AIR FLOW, FULL INSPECTION				x			
CHECK & CALIBRATE INSTRUMENTATION				x			
MANUALLY OPERATE & CHECK VALVES				х			
MANUALLY TEST SAFETY INTERLOCKS	ļ		x				

Notes:

manufacturer data for the system equipment, system alarms, and Owner requirements

WELL ID	TIME	WATER LEVEL TOR	TOR ELEVATION	WATER ELEVATION TOR
MW-301D	1004	30.03	970.44	940.41
MW-414D	0959	31.36	971.91	940.55
MW-413D	0956	29.46	970.13	940.47
MW-416D	0941	25.39	965.84	940.45

WATER LEVEL CILLECTED \$25/16

¹ Frequency that may be required is based on

					INSPECTION DATE: 6-3-(6) INSPECTION BY: ELS
	MINIMUM F	REQUENCY	INSPECTED/	CORRECTIVE	
	EVERY	EVERY	TESTED	MEASURES REQ'D	COMMENTS
	WEEK	MONTH	(YES or NO)	(YES or NO)	
SITE SAFETY					
FIRST AID KIT	x		1 4	N	
EYEWASH STATION	х		Y	2	
FIRE EXTINGUISHERS\SMOKE DETECTORS	х		4	y ::	Fire Extinguidar needs yourly survice
EMERGENCY LIGHTING	х		Y	نز	0 1
SITE ISSUES	х		У	N	
SITE SECURITY					
FENCING		х			
GATES		x			
LOCKS		х			
SIGNS		х			
SITE		х			
SITE GROUNDS					
DRAINAGE DITCHES/SWALES		х			
BUILDING		х			
RECOVERY WELL		х			
ACCESS ROAD		х			
WASTE					
CARBON	х		Y	N	
SOLID	х		4	7	

							INSPECTION DATE: 6-3-15 INSPECTION BY: ELS
		r	1	1	INSPECTED	CORRECTIVE	COMMENTS
	EVERY	EVERY	EVERY 3	MIN. 6 MD. OR	TESTED	MEASURES REQ'D	
	WEEK	MONTH	MONTHS	AS REQD(1)	(YES) OR (NO)	(YES or NO)	
GROUNDWATER SYSTEM			-			2 - 4	
VERIFY EQUIPMENT IS OPERATING WITH NO DAMAGE OR LEAKS	x	11			Y	N	
LOG SYSTEM OPERATING PARAMETERS	×				7	N	
USE PLC TO CHECK SYSTEM OPERATING CONDITIONS	x				7	N	
TEST LEVEL CONTROLS ETC.	x				Y	N	
USE PLC TO VERIFY DIAL OUT STATUS IS ENABLED	x				Ý	N	
INSPECT CONTAINMENT SUMP/FLOOR SEAL	х				ÿ	N	
INSPECT BUILDING AND FOUNDATION INTEGRITY	х	1			<u> </u>	N	
INSPECTIVERIFY HEATING AND VENTILATING SYSTEM OPERATIONS				x	i i		Test Trip Set Point and Clean Screens and Louvers
INSPECTIVISUALLY CHECK LIGHTING SYSTEM & EMERGENCY SYSTEM	х				Y	l N	12/39
VISUALLY INSPECT ELECTRICAL SYSTEM	x				У		
VERIFY PUMP OPERATION	х				ÿ	N	
WELL LEVELS - MANUALLY CHECK VWATER LEVEL VS. PLC DATA		x			'		
SAMPLING (SEE TABLE IN NPDES ATTACHMENTS)		x					
AIR STRIPPER - CHECK SOLIDS ACCUMULATION			l	x			
CHECK BAG FILTER PRESSURES	×				Y	N	
CHECK CARBON FILTER PRESSURES	x .		l		У	N	
AIR STRIPPER - CHECK BLOWER OPERATION AND PRESSURE DROP	x				7	2	
AMP TRANSFER PUMP MOTORS				x	,		
TRANSFER PUMPS - PERFORM P.M. SERVICE				x			
AIR STRIPPER - MEASURE AIR FLOW, FULL INSPECTION				x			
CHECK & CAUBRATE INSTRUMENTATION				x			
MANUALLY OPERATE & CHECK VALVES				x			
MANUALLY TEST SAFETY INTERLOCKS			x				
		-	-	-			

¹ Frequency that may be required is based on manufacturer data for the system equipment, system atarms, and Owner requirements

WELL ID	TIME	WATER LEVEL TOR	TOR ELEVATION	WATER ELEVATION TOR
MW-301D	1508	32.17	970.44	938.27
MW-414D	1503	33.55	971.91	938.36
MW-413D	1500	31.84	970.13	938.29
MW-416D	1457	27.55	965.84	938.29

					INSPECTION DATE: 6.8.16 INSPECTION BY: Michael Rasmussen
	MINIMUM F	REQUENCY	INSPECTED/	CORRECTIVE	
	EVERY	EVERY	TESTED	MEASURES REQ'D	COMMENTS
	WEEK	MONTH	(YES or NO)	(YES or NO)	
SITE SAFETY			•	-	
FIRST AID KIT	х			N	=
EYEWASH STATION	х			N	
FIRE EXTINGUISHERS\SMOKE DETECTORS	х			7	
EMERGENCY LIGHTING	х			N	
SITE ISSUES	х		V	. 2	
SITE SECURITY			_		
FENCING		x		N	
GATES		х		N	
LOCKS		x	//	N	
SIGNS		x	//	N	
SITE		х		N	
SITE GROUNDS				•	
DRAINAGE DITCHES/SWALES		х	V	2	
BUILDING		х	V	N	
RECOVERY WELL		х	V	N	70
ACCESS ROAD		х	V	N	
WASTE					
CARBON	х			N	NA
SOLID	х		V	7	ND

							INSPECTION DATE: 6.8.14 INSPECTION BY: Michael Pasmusse
							marcolonal Williams Passings
					INSPECTED/	CORRECTIVE	COMMENTS
	EVERY	EVERY	EVERY 3	MIN. 6 MO.	TESTED	MEASURES REO'D	
				OR	327		
	WEEK	MONTH	MONTHS	AS REQD(1)	(YES) OR (NO)	(YES or NO)	
GROUNDWATER SYSTEM					<u> </u>		
VERIFY EQUIPMENT IS OPERATING WITH NO DAMAGE OR LEAKS	x	1		IV.	世レ	l N	
LOG SYSTEM OPERATING PARAMETERS	х	1	1	<u></u>	20	N	
USE PLC TO CHECK SYSTEM OPERATING CONDITIONS	x			V		7	
TEST LEVEL CONTROLS ETC.	x			V	AV	N	77
USE PLC TO VERIFY DIAL OUT STATUS IS ENABLED	х				19/	2	
INSPECT CONTAINMENT SUMP/FLOOR SEAL	х			V .	10/	N	
INSPECT BUILDING AND FOUNDATION INTEGRITY	x				191	N	
INSPECTIVERIFY HEATING AND VENTILATING SYSTEM OPERATIONS				х	5		Test Trip Set Point and Clean Screens and Louvers
INSPECTIVISUALLY CHECK LIGHTING SYSTEM & EMERGENCY SYSTEM	х				V	7	
VISUALLY INSPECT ELECTRICAL SYSTEM	x				V	N	
VERIFY PUMP OPERATION	x					N	
WELL LEVELS - MANUALLY CHECK VWATER LEVEL VS. PLC DATA	Ĭ	x			M	-	
SAMPLING (SEE TABLE IN NPDES ATTACHMENTS)		x			M	-	
AIR STRIPPER - CHECK SOLIDS ACCUMULATION				x	7	-	
CHECK BAG FILTER PRESSURES	х				V	N	
CHECK CARBON FILTER PRESSURES	x	1			V	N =	
AIR STRIPPER - CHECK BLOWER OPERATION AND PRESSURE DROP	×	1		i	V	N	
AMP TRANSFER PUMP MOTORS				x	N	-	
TRANSFER PUMPS - PERFORM P.M. SERVICE				x	N	-	
AIR STRIPPER - MEASURE AIR FLOW, FULL INSPECTION	 			x	N	-	
CHECK & CALIBRATE INSTRUMENTATION	Ī	i		×	N	-	
MANUALLY OPERATE & CHECK VALVES			1	x	N	-	
MANUALLY TEST SAFETY INTERLOCKS			x		N	_	
					<u> </u>		
						İ	

Notes:

manufacturer data for the system equipment, system alarms, and Owner requirements

WELL ID	TIME	WATER LEVEL TOR	TOR ELEVATION	WATER ELEVATION TOR
MW-301D		31.87	970.44	948.8857
MW-414D		33.05	971.91	968.86
MW-413D		31.35	970.13	948.78
MW-416D		27.01	965.84	968.83

¹ Frequency that may be required is based on

				// 643	INSPECTION DATE: 6-17-14 INSPECTION BY: ELS
	MINIMUM F	REQUENCY	INSPECTED/	CORRECTIVE	
	EVERY	EVERY	TESTED	MEASURES REQ'D	COMMENTS
	WEEK	MONTH	(YES or NO)	(YES or NO)	
SITE SAFETY					
FIRST AID KIT	х		У	J	
EYEWASH STATION	х		4	~	
FIRE EXTINGUISHERS\SMOKE DETECTORS	х		У	~	
EMERGENCY LIGHTING	х		Ý	7	
SITE ISSUES	х		У	~	
SITE SECURITY					
FENCING		х			
GATES		х			
LOCKS		х			
SIGNS		х			
SITE		х			
SITE GROUNDS					
DRAINAGE DITCHES/SWALES		х			- P
BUILDING		х			£
RECOVERY WELL		х			
ACCESS ROAD		х			
WASTE)	
CARBON	х		4	NIA	
SOLID	х		4	N'	

					<u>-</u>		INSPECTION DATE: 6-17-16 INSPECTION BY: ELS
	EVERY	EVERY	EVERY 3	MIN. 6 MO. OR	INSPECTED/ TESTED	CORRECTIVE MEASURES REQ'D	COMMENTS
	WEEK	MONTH	MONTHS	AS REOD(1)	(YES) OR (NO)	(YES or NO)	
GROUNDWATER SYSTEM							
VERIFY EQUIPMENT IS OPERATING WITH NO DAMAGE OR LEAKS	x				У	N	
LOG SYSTEM OPERATING PARAMETERS	x				4		<u> </u>
USE PLC TO CHECK SYSTEM OPERATING CONDITIONS	x				7	7.7	
TEST LEVEL CONTROLS ETC	x				'Y	N	
USE PLC TO VERIFY DIAL OUT STATUS IS ENABLED	х				Y	N	
INSPECT CONTAINMENT SUMP/FLOOR SEAL	x				4	7	
INSPECT BUILDING AND FOUNDATION INTEGRITY	x				Ý	N	
INSPECTIVERIFY HEATING AND VENTILATING SYSTEM OPERATIONS	Ĺ <u> </u>			x			Test Trip Set Point and Clean Screens and Louvers
INSPECTIVISUALLY CHECK LIGHTING SYSTEM & EMERGENCY SYSTEM	x				¥	N	
VISUALLY INSPECT ELECTRICAL SYSTEM	х .	l			Ý	N	
VERIFY PUMP OPERATION	x				У	٦,	
WELL LEVELS - MANUALLY CHECK VWATER LEVEL VS. PLC DATA		x					
SAMPLING (SEE TABLE IN NPDES ATTACHMENTS)		х					
AIR STRIPPER - CHECK SOLIDS ACCUMULATION				x			
CHECK BAG FILTER PRESSURES	x				7	7	
CHECK CARBON FILTER PRESSURES	x				Y	7	
AIR STRIPPER - CHECK BLOWER OPERATION AND PRESSURE DROP	x				У	N	
AMP TRANSFER PUMP MOTORS				x	'		
TRANSFER PUMPS - PERFORM P.M. SERVICE				x			
AIR STRIPPER - MEASURE AIR FLOW, FULL INSPECTION				х			
CHECK & CALIBRATE INSTRUMENTATION				x			
MANUALLY OPERATE & CHECK VALVES				x			
MANUALLY TEST SAFETY INTERLOCKS			x				
	<u> </u>	-		 			

¹ Frequency that may be required is based on manufacturer data for the system equipment, system alarms, and Owner requirements

WELL ID	TIME	WATER LEVEL TOR	TOR ELEVATION	WATER ELEVATION TOR
MW-301D	0935	32.55	970.44	937.89
MW-414D	0930	33.18	971.91	938.03
MW-413D	0925	32.17	970.13	937.96
MW-416D	0930	27.84	965.84	938.00

					INSPECTION DATE: 6-24-16 INSPECTION BY: ELS
	MINIMUM I	REQUENCY	INSPECTED/	CORRECTIVE	
	EVERY	EVERY	TESTED	MEASURES REQ'D	COMMENTS
	WEEK	MONTH	(YES or NO)	(YES or NO)	
SITE SAFETY			TTA		2
FIRST AID KIT	X		7.	~	
EYEWASH STATION	х		γ	2	×2
FIRE EXTINGUISHERS\SMOKE DETECTORS	х		У	N	
EMERGENCY LIGHTING	х		У	N	
SITE ISSUES	х		Y	N	= -
SITE SECURITY			•		
FENCING		х			
GATES		Х		<u> </u>	
LOCKS		х			
SIGNS		x			
SITE		Х			
SITE GROUNDS					
DRAINAGE DITCHES/SWALES		х			
BUILDING		х			
RECOVERY WELL		Х			
ACCESS ROAD		х			
WASTE					
CARBON	х		7	N/A	
SOLID	Х		- y	2	

	EEK	MONTH	EVERY 3	MIN. 6 MO. OR AS REGO(1)	INSPECTED/ TESTED (YES) OR (NO)	CORRECTIVE MEASURES REQ'D (YES or NO)	COMMENTS
REPORT SYSTEM ERIFY EQUIPMENT IS OPERATING WITH NO DAMAGE OR LEAKS X OG SYSTEM OPERATING PARAMETERS X SE PLC TO CHECK SYSTEM OPERATING CONDITIONS X SET LEVEL CONTROLS ETC X SEP PLC TO VERIFY DIAL OUT STATUS IS ENABLED X SEPECT CONTAINMENT SUMP/FLOOR SEAL X SEPECT BUILDING AND FOUNDATION INTEGRITY X SEPECTIVERIFY HEATING AND VENTILATING SYSTEM OPERATIONS SEPECTIVISUALLY CHECK LIGHTING SYSTEM & EMERGENCY SYSTEM X SUMALLY INSPECT ELECTRICAL SYSTEM X SERIFY PUMP OPERATION				OR	(YES) OR (NO)	(YES or NO)	
RROUNDWATER SYSTEM ERIFY EQUIPMENT IS OPERATING WITH NO DAMAGE OR LEAKS X DG SYSTEM OPERATING PARAMETERS X SE PLC TO CHECK SYSTEM OPERATING CONDITIONS X SET LEVEL CONTROLS ETC X SE PLC TO VERIFY DIAL OUT STATUS IS ENABLED X SEPECT CONTAINMENT SUMP/FLOOR SEAL X SEPECT BUILDING AND FOUNDATION INTEGRITY X SEPECTIVERIFY HEATING AND VENTILATING SYSTEM OPERATIONS SEPECTIVISUALLY CHECK LIGHTING SYSTEM & EMERGENCY SYSTEM X SIGUALLY INSPECT ELECTRICAL SYSTEM X SERIFY PUMP OPERATION	EEK	MONTH	MONTHS	1	y y y y y y y	\ \ \	
RROUNDWATER SYSTEM ERIFY EQUIPMENT IS OPERATING WITH NO DAMAGE OR LEAKS X DG SYSTEM OPERATING PARAMETERS X SE PLC TO CHECK SYSTEM OPERATING CONDITIONS X SET LEVEL CONTROLS ETC X SE PLC TO VERIFY DIAL OUT STATUS IS ENABLED X SEPECT CONTAINMENT SUMP/FLOOR SEAL X SEPECT BUILDING AND FOUNDATION INTEGRITY X SEPECTIVERIFY HEATING AND VENTILATING SYSTEM OPERATIONS SEPECTIVISUALLY CHECK LIGHTING SYSTEM & EMERGENCY SYSTEM X SIGUALLY INSPECT ELECTRICAL SYSTEM X SERIFY PUMP OPERATION	EEK	MONTH	MONTHS	AS REQD(1)	y y y y y y y	\ \ \	
ERIFY EQUIPMENT IS OPERATING WITH NO DAMAGE OR LEAKS X OG SYSTEM OPERATING PARAMETERS X SE PLC TO CHECK SYSTEM OPERATING CONDITIONS X SET LEVEL CONTROLS ETC X SEP PLC TO VERIFY DIAL OUT STATUS IS ENABLED X SEPECT CONTAINMENT SUMP/FLOOR SEAL X SEPECT RUILDING AND FOUNDATION INTEGRITY X SEPECTIVERIFY HEATING AND VENTILATING SYSTEM OPERATIONS SEPECTIVISUALLY CHECK LIGHTING SYSTEM & EMERGENCY SYSTEM X SIGUALLY INSPECT ELECTRICAL SYSTEM X SERIFY PUMP OPERATION					y y y		
OG SYSTEM OPERATING PARAMETERS SE PLC TO CHECK SYSTEM OPERATING CONDITIONS X SET LEVEL CONTROLS ETC. X SE PLC TO VERIFY DIAL OUT STATUS IS ENABLED X ISPECT CONTAINMENT SUMP/FLOOR SEAL. X ISPECT BUILDING AND FOUNDATION INTEGRITY X SPECTIVERIFY HEATING AND VENTILATING SYSTEM OPERATIONS ISPECTIVISUALLY CHECK LIGHTING SYSTEM & EMERGENCY SYSTEM X ISUALLY INSPECT ELECTRICAL SYSTEM X					y y y		
SE PLC TO CHECK SYSTEM OPERATING CONDITIONS X SET LEVEL CONTROLS ETC X SE PLC TO VERIFY DIAL OUT STATUS IS ENABLED X SEPECT CONTAINMENT SUMP/FLOOR SEAL X SEPECT BUILDING AND FOUNDATION INTEGRITY X SPECTIVERIFY HEATING AND VENTILATING SYSTEM OPERATIONS SEPECTIVISUALLY CHECK LIGHTING SYSTEM & EMERGENCY SYSTEM X SUMALLY INSPECT ELECTRICAL SYSTEM X SRIFY PUMP OPERATION X					y y y	λ λ	
ST LEVEL CONTROLS ETC X SE PLC TO VERIFY DIAL OUT STATUS IS ENABLED X ISPECT CONTAINMENT SUMP/FLOOR SEAL X ISPECT BUILDING AND FOUNDATION INTEGRITY X SPECTIVERIFY HEATING AND VENTILATING SYSTEM OPERATIONS ISPECTIVISUALLY CHECK LIGHTING SYSTEM & EMERGENCY SYSTEM X ISUALLY INSPECT ELECTRICAL SYSTEM X ERIFY PUMP OPERATION X					y y	N N	
SE PLC TO VERIFY DIAL OUT STATUS IS ENABLED X NSPECT CONTAINMENT SUMP/FLOOR SEAL X NSPECT BUILDING AND FOUNDATION INTEGRITY X SPECTIVERIFY HEATING AND VENTILATING SYSTEM OPERATIONS INSPECTIVISUALLY CHECK LIGHTING SYSTEM & EMERGENCY SYSTEM X ISUALLY INSPECT ELECTRICAL SYSTEM X ERIFY PUMP OPERATION					y y	N N	
ISPECT CONTAINMENT SUMP/FLOOR SEAL X ISPECT BUILDING AND FOUNDATION INTEGRITY X SPECTIVERIFY HEATING AND VENTILATING SYSTEM OPERATIONS ISPECTIVISUALLY CHECK LIGHTING SYSTEM & EMERGENCY SYSTEM X ISUALLY INSPECT ELECTRICAL SYSTEM X SERIFY PUMP OPERATION X					4	Ý	
ISPECT BUILDING AND FOUNDATION INTEGRITY X SPECTIVERIFY HEATING AND VENTILATING SYSTEM OPERATIONS ISPECTIVISUALLY CHECK LIGHTING SYSTEM & EMERGENCY SYSTEM X ISUALLY INSPECT ELECTRICAL SYSTEM X ERIFY PUMP OPERATION X					4		
SPECTIVERIFY HEATING AND VENTILATING SYSTEM OPERATIONS ISPECTIVISUALLY CHECK LIGHTING SYSTEM & EMERGENCY SYSTEM X ISUALLY INSPECT ELECTRICAL SYSTEM X ERIFY PUMP OPERATION X					1 1		•
ISPECTIVISUALLY CHECK LIGHTING SYSTEM & EMERGENCY SYSTEM X ISUALLY INSPECT ELECTRICAL SYSTEM X ERIFY PUMP OPERATION X	_		1		1 7	N.	
ISUALLY INSPECT ELECTRICAL SYSTEM X ERIFY PUMP OPERATION X			1	x		42	Test Trip Set Point and Clean Screens and Louvers
ERIFY PUMP OPERATION X					y	N	
					V	N	
FILL LEVELS - MANUALLY CHECK VWATER LEVEL VS. PLC DATA			1		Ý	N	
		х			1		
MPLING (SEE TABLE IN NPDES ATTACHMENTS)		x					
R STRIPPER - CHECK SOLIDS ACCUMULATION				x			
HECK BAG FILTER PRESSURES X					Y	N	
HECK CARBON FILTER PRESSURES X					Ý	N	
R STRIPPER - CHECK BLOWER OPERATION AND PRESSURE DROP X			1		4	N	
MP TRANSFER PUMP MOTORS			1	x	1		
RANSFER PUMPS - PERFORM P.M. SERVICE			1	x			
R STRIPPER - MEASURE AIR FLOW, FULL INSPECTION				x			
HECK & CALIBRATE INSTRUMENTATION			Ť.	×			
ANUALLY OPERATE & CHECK VALVES				×			
ANUALLY TEST SAFETY INTERLOCKS		ļ	×				1 40.

Notes:

¹ Frequency that may be required is based on manufacturer data for the system equipment, system alarms, and Owner requirements

WELL ID	TIME	WATER LEVEL TOR	TOR ELEVATION	WATER ELEVATION TOR
MW-301D			970.44	
MW-414D			971.91	
MW-413D			970.13	
MW-416D			966.84	2)

NO WATER LEVELY COLLECTED RECAUSE OF X
MAGNITHMAN EQUIPMENT
(WATER LEVEL
PAGE 1011
TAPE)

					INSPECTION DATE: 7-1-16 INSPECTION BY: ELS
	MINIMUM FR	REQUENCY	INSPECTED/	CORRECTIVE	
	EVERY	EVERY	TESTED	MEASURES REQ'D	COMMENTS
	WEEK	MONTH	(YES or NO)	(YES or NO)	
SITE SAFETY					4
FIRST AID KIT	х		У	2	
EYEWASH STATION	х		ý	N	:1
FIRE EXTINGUISHERS\SMOKE DETECTORS	х		7	N	
EMERGENCY LIGHTING	х		7	7	
SITE ISSUES	х		Ý	2	Talk wards around building
SITE SECURITY			-		<u> </u>
FENCING		x			
GATES		х			
LOCKS		Х			
SIGNS		х			
SITE		x			
SITE GROUNDS					
DRAINAGE DITCHES/SWALES		х			
BUILDING		х			
RECOVERY WELL		х	No.		
ACCESS ROAD		х			
WASTE					
CARBON	х		7	NA	No cubon variety
SOLID	х		7	N	(i)

							INSPECTION DATE: 7-1-14
							INSPECTION BY: ELS
· · · · · · · · · · · · · · · · · · ·						1	
N N	<u> </u>	T			INSPECTED	CORRECTIVE	COMMENTS
	EVERY	EVERY	EVERY 3	MIN. 6 MO.	TESTED	MEASURES REQ'D	
				OR			
GROUNDWATER SYSTEM	WEEK	MONTH	MONTHS	AS REQD(1)	(YES) OR (NO)	(YES or NO)	
VERIFY EQUIPMENT IS OPERATING WITH NO DAMAGE OR LEAKS	į.		<u> </u>		J	N	
LOG SYSTEM OPERATING PARAMETERS	x			 	4	\sim	
USE PLC TO CHECK SYSTEM OPERATING CONDITIONS	Û			-	- 5	N	
TEST LEVEL CONTROLS ETC.	Ĵ		 		U		
USE PLC TO VERIFY DIAL OUT STATUS IS ENABLED	-				1	N	
INSPECT CONTAINMENT SUMP/FLOOR SEAL					3	Ñ	
INSPECT BUILDING AND FOUNDATION INTEGRITY	A		 			N	
				L	 	N	
INSPECTIVERIFY HEATING AND VENTILATING SYSTEM OPERATIONS				X	· ·		Test Trip Set Point and Clean Screens and Louvers
INSPECTIVISUALLY CHECK LIGHTING SYSTEM & EMERGENCY SYSTEM VISUALLY INSPECT ELECTRICAL SYSTEM					7	N	
VERIFY PUMP OPERATION	Û	 	 		4	N	
	^	×	 				
WELL LEVELS - MANUALLY CHECK VWATER LEVEL VS. PLC DATA SAMPLING (SEE TABLE IN NPDES ATTACHMENTS)		,			-	N	
AIR STRIPPER - CHECK SOLIDS ACCUMULATION		<u>^</u>			 		
CHECK BAG FILTER PRESSURES	,			^	4	N	
CHECK CARBON FILTER PRESSURES		-			1.0	ວັ	
AIR STRIPPER - CHECK BLOWER OPERATION AND PRESSURE DROP	Ĵ				1 3	~	
AMP TRANSFER PUMP MOTORS	<u>^</u>			ļ		~	-
TRANSFER PUMPS - PERFORM P.M. SERVICE				Ĵ			
AIR STRIPPER - MEASURE AIR FLOW, FULL INSPECTION				x			
CHECK & CALIBRATE INSTRUMENTATION				v	ni'		
MANUALLY OPERATE & CHECK VALVES		1		v v			-
MANUALLY TEST SAFETY INTERLOCKS			,				
THE PROPERTY OF STATE			<u>r</u>				
				 		-	

Notes:

manufacturer data for the system equipment, system alarms, and Owner requirements

WELL ID	TIME	WATER LEVEL TOR	TOR ELEVATION	WATER ELEVATION TOR
MW-301D	1050	33.06	970.44	937.38
MW-4140	1045	3430	971.91	937.61
MW-4130	(०५।	32.60	970.13	937.53
MW-4160	(033	28.24	965.84	937.58

¹ Frequency that may be required is based on

					INSPECTION DATE: 7/8/16 INSPECTION BY: TMV
	MINIMUM F	REQUENCY	INSPECTED/	CORRECTIVE	
	EVERY	EVERY	TESTED	MEASURES REQ'D	COMMENTS
Ω	WEEK	монтн	(YES or NO)	(YES or NO)	
SITE SAFETY					
FIRST AID KIT	х		Y		N N
EYEWASH STATION	Х		Y	N	
FIRE EXTINGUISHERS\SMOKE DETECTORS	X		ij	N	
EMERGENCY LIGHTING	х		Ý	N	
SITE ISSUES	X		4	K	
SITE SECURITY					\$1
FENCING		x			
GATES		х			
LOCKS		х			
SIGNS		х			
SITE		x			
SITE GROUNDS					
DRAINAGE DITCHES/SWALES		х			
BUILDING		х			
RECOVERY WELL		Х			
ACCESS ROAD		x			
WASTE					
CARBON	х		4	N zo	Not in use
SOLID	Х		K	N.	

			194				INSPECTION DATE: INSPECTION BY:	7/8/16 TMV
					(NSPECTED/	CORRECTIVE		COMMENTS
	EVERY	EVERY	EVERY 3	MIN. 6 MO.	TESTED	MEASURES REQ'D		
	WEEK	MONTH	MONTHS	OR AS REQD(1)	(YES) OR (NO)	(YES or NO)		
GROUNDWATER SYSTEM					Ì			
VERIFY EQUIPMENT IS OPERATING WITH NO DAMAGE OR LEAKS	х				Y	K		
LOG SYSTEM OPERATING PARAMETERS	x				1	N'		
USE PLC TO CHECK SYSTEM OPERATING CONDITIONS	x				Ÿ	N		············
TEST LEVEL CONTROLS ETC.	x				P	N		
USE PLC TO VERIFY DIAL OUT STATUS IS ENABLED	x				4	N.		
INSPECT CONTAINMENT SUMP/FLOOR SEAL	х				4	U		
INSPECT BUILDING AND FOUNDATION INTEGRITY	х				Y	Ŋ	1	
INSPECTIVERIFY HEATING AND VENTILATING SYSTEM OPERATIONS			T	х	,		Test Trip Set Point and Clea	in Screens and Louvers
INSPECTIVISUALLY CHECK LIGHTING SYSTEM & EMERGENCY SYSTEM	×				Y	U		-
VISUALLY INSPECT ELECTRICAL SYSTEM	x				Y	N	1	
VERIFY PUMP OPERATION	х				4	N		
WELL LEVELS - MANUALLY CHECK VWATER LEVEL VS. PLC DATA		x						
SAMPLING (SEE TABLE IN NPDES ATTACHMENTS)		x	1		1			
AIR STRIPPER - CHECK SOLIDS ACCUMULATION				х			Í	
CHECK BAG FILTER PRESSURES	x				l Y	N		
CHECK CARBON FILTER PRESSURES	x]		V	N	1	
AIR STRIPPER - CHECK BLOWER OPERATION AND PRESSURE DROP	х				Ϋ́	N		
AMP TRANSFER PUMP MOTORS				х				
TRANSFER PUMPS - PERFORM P.M. SERVICE				x				
AIR STRIPPER - MEASURE AIR FLOW, FULL INSPECTION				х				
CHECK & CAUBRATE INSTRUMENTATION				х -				
MANUALLY OPERATE & CHECK VALVES				x				
MANUALLY TEST SAFETY INTERLOCKS			х					
<u> </u>								*
			<u> </u>					

Notes:

¹ Frequency that may be required is based on manufacturer data for the system equipment, system alarms, and Owner requirements

WELL ID	TIME	WATER LEVEL TOR	TOR ELEVATION	WATER ELEVATION TOR
MW-301D	9:52	33.05	970.44	937.39
MW-414D	9:45	34.37	971.91	937.54
_ MW-413D	10:00	32.63	970.13	937.50
MW-416D	10:08	28.33	965.84	937.51

& WLs collected on 7/7/16 by M. Rasmura

			·		INSPECTION DATE: 7.12.16 INSPECTION BY: M &
	MINIMUM I	FREQUENCY	INSPECTED/	CORRECTIVE	
	EVERY	EVERY	TESTED	MEASURES REQ'D	COMMENTS
	WEEK	MONTH	(YES or NO)	(YES or NO)	
SITE SAFETY				•	
FIRST AID KIT	х		Y	N	
EYEWASH STATION	х		7	N	.ā
FIRE EXTINGUISHERS\SMOKE DETECTORS	х		7	N.	
EMERGENCY LIGHTING	Х		Υ_	N	
SITE ISSUES	Х		Y	N	
SITE SECURITY					
FENCING	1	х	У	N	
GATES		х	7	N	
LOCKS		x	4	N	
SIGNS		x	7	N_	
SITE		х	4	N	
SITE GROUNDS				<u> </u>	
DRAINAGE DITCHES/SWALES		x	À	N	
BUILDING		х	0.4	N	
RECOVERY WELL		х	Ň	NA NA	
ACCESS ROAD		x	_ Y	N	
WASTE			7		
CARBON	х		У	N Sec	nave
SOLID	х		4	N	2

22			4				INSPECTION DATE: 7.12.16 INSPECTION BY: ME
	L				INSPECTED/	CORRECTIVE	COMMENTS
	EVERY	EVERY	EVERY 3	MIN. 6 MO. OR	TESTED	MEASURES REQ'D	
	WEEK	MONTH	MONTHS	AS REOD(1)	(YES) OR (NO)	(YES of NO)	
GROUNDWATER SYSTEM				<u> </u>			
VERIFY EQUIPMENT IS OPERATING WITH NO DAMAGE OR LEAKS	x				<u> </u>	N	
LOG SYSTEM OPERATING PARAMETERS	x				Ý	N	
USE PLC TO CHECK SYSTEM OPERATING CONDITIONS	x		<u> </u>		4	N	
TEST LEVEL CONTROLS ETC.	х				~	N	
USE PLC TO VERIFY DIAL OUT STATUS IS ENABLED	x			<u> </u>	4	N	
INSPECT CONTAINMENT SUMP/FLOOR SEAL	x				4	1 12	
INSPECT BUILDING AND FOUNDATION INTEGRITY	x		-		4	N	
INSPECTIVERIFY HEATING AND VENTILATING SYSTEM OPERATIONS				х	7	-	Test Trip Set Point and Clean Screens and Louvers
INSPECT/VISUALLY CHECK LIGHTING SYSTEM & EMERGENCY SYSTEM	x				7'	12	× ×
VISUALLY INSPECT ELECTRICAL SYSTEM	х				7	N	
VERIFY PUMP OPERATION	x				V	N	
WELL LEVELS - MANUALLY CHECK VWATER LEVEL VS. PLC DATA		x			N/N	-	
SAMPLING (SEE TABLE IN NPDES ATTACHMENTS)		x			7	-	
AIR STRIPPER - CHECK SOLIDS ACCUMULATION				x	N		
CHECK BAG FILTER PRESSURES	x				y	N	
CHECK CARBON FILTER PRESSURES	x				4	N	
AIR STRIPPER - CHECK BLOWER OPERATION AND PRESSURE DROP	x				5	M	
AMP TRANSFER PUMP MOTORS				х	N		
TRANSFER PUMPS - PERFORM P.M. SERVICE				x	N	_	
AIR STRIPPER - MEASURE AIR FLOW, FULL INSPECTION				х	N		
CHECK & CALIBRATE INSTRUMENTATION				x	N		
MANUALLY OPERATE & CHECK VALVES				x	N		
MANUALLY TEST SAFETY INTERLOCKS			х		N		ki
			1				

¹ Frequency that may be required is based on manufacturer data for the system equipment, system alarms, and Owner requirements

WELL ID	TIME	WATER LEVEL TOR	TOR ELEVATION	WATER ELEVATION TOR
MW-301D	12:30	33.12	970.44	937.32
MW-414D	12:34	34.39	971.91	937.52
8EW-413D	12:41	32.79	970.13	937.34
MW-416D	12:51	28.44	965.84	927.40

					INSPECT	ION DAT	E: 7.20.16 MR	
	MINIMUM F	REQUENCY	INSPECTED/	CORRECTIVE				
	EVERY	EVERY	TESTED (YES or NO)	MEASURES REQ'D (YES or NO)	Bog F	alters	taken off	Tire 7,18.1
SITE SAFETY				Д,	**		(+)	
FIRST AID KIT	x		T V	N	1	145		
EYEWASH STATION	х		4	7		15		
FIRE EXTINGUISHERS\SMOKE DETECTORS	х		7	N				
EMERGENCY LIGHTING	х		7	N				
SITE ISSUES	х		Ý	N				
SITE SECURITY			,					
FENCING		х	7	N				
GATES		x	7	7				
LOCKS		х	14	7				
SIGNS		х	17	N				
SITE		х	17	N				7.417
SITE GROUNDS				-				
DRAINAGE DITCHES/SWALES		х	У	7			· ·	
BUILDING		х	Y	1 1/2				
RECOVERY WELL		х	7	-				
ACCESS ROAD		х	Α	N				
WASTE			ī					
CARBON	х			-	A.M			
SOLID	Х		Y	4 Y	Trask	1 rem	ared from	MC

							INSPECTION DATE: 7.20.14 INSPECTION BY: MR
	EVERY	EVERY	EVERY 3	MIN. 6 MO.	UNSPECTEDY TESTED	CORRECTIVE MEASURES REQ'D	COMMENTS
	WEEK	MONTH	MONTHS	OR AS REOD(1)	(YES) OR (NO)	(YES or NO)	
GROUNDWATER SYSTEM							
VERIFY EQUIPMENT IS OPERATING WITH NO DAMAGE OR LEAKS	х				Y	N	
LOG SYSTEM OPERATING PARAMETERS	x				4	N	
USE PLC TO CHECK SYSTEM OPERATING CONDITIONS	x				4	N	
TEST LEVEL CONTROLS ETC.	х				Y	N	
USE PLC TO VERIFY DIAL OUT STATUS IS ENABLED	х				Ý	N	
INSPECT CONTAINMENT SUMP/FLOOR SEAL	x				Ý	N	
INSPECT BUILDING AND FOUNDATION INTEGRITY	х				Ÿ	12	
INSPECTIVERIFY HEATING AND VENTILATING SYSTEM OPERATIONS				х	N	_	Test Trip Set Point and Clean Screens and Louvers
INSPECTIVISUALLY CHECK LIGHTING SYSTEM & EMERGENCY SYSTEM	x				Y	N	
VISUALLY INSPECT ELECTRICAL SYSTEM	x				Ý	N	
VERIFY PUMP OPERATION	х				Ŋ	7	
WELL LEVELS - MANUALLY CHECK YWATER LEVEL VS. PLC DATA		х			N	~	
SAMPLING (SEE TABLE IN NPDES ATTACHMENTS)		х			N	_	
AIR STRIPPER - CHECK SOLIDS ACCUMULATION				x	7	-	
CHECK BAG FILTER PRESSURES	×				47	7	
CHECK CARBON FILTER PRESSURES	х				-		NA
AIR STRIPPER - CHECK BLOWER OPERATION AND PRESSURE DROP	x				7	N	
AMP TRANSFER PUMP MOTORS				x	N	ケー	
TRANSFER PUMPS - PERFORM P.M. SERVICE				x	N	_	
AIR STRIPPER - MEASURE AIR FLOW, FULL INSPECTION				x	N		
CHECK & CALIBRATE INSTRUMENTATION				x	N	_	
MANUALLY OPERATE & CHECK VALVES				x	N	_	
MANUALLY TEST SAFETY INTERLOCKS			х		И	_	-
		-					

Notes:

manufacturer data for the system equipment, system alarms, and Owner requirements

WELL ID	TIME	WATER LEVEL TOR	TOR ELEVATION	WATER ELEVATION TOR
MW-301D	14:00	33,20	970.44	967.24
_ MW-414D	14.06	34.55	971.91	937.36
MW-413D	13 53	32,84	970.13	937.29
MW-416D	14:17	28.44	965.84	937.40

^{*} Frequency that may be required is based on

					INSPECTION DATE: 7.26.16 INSPECTION BY: Michael Rasmussen
	MINIMUM F	REQUENCY	INSPECTED/	CORRECTIVE	
	EVERY	EVERY	TESTED	MEASURES REQ'D	COMMENTS
	WEEK	MONTH	(YES or NO)	(YES or NO)	
SITE SAFETY	•		<u>.</u>		*
FIRST AID KIT	х		4	N	
EYEWASH STATION	х		7	N	
FIRE EXTINGUISHERS\SMOKE DETECTORS	х		Y	N	
EMERGENCY LIGHTING	х		7	N	
SITE ISSUES	х		٦	N	
SITE SECURITY					
FENCING		х	4	N	
GATES		х	Ý	N	
LOCKS		х	4	Ŋ	
SIGNS		Х	Y	N	
SITE		х	٧	N	
SITE GROUNDS					
DRAINAGE DITCHES/SWALES		х	Y	N	
BUILDING		х	Ÿ	N	
RECOVERY WELL		Х	当り	-	
ACCESS ROAD		х	7	N	
WASTE					
CARBON	х		-	- 4	
SOLID	Х		Y	N	

				l.		XX	INSPECTION DATE: 7.26.16 INSPECTION BY: Michael Rasmussen
	EVERY	EVERY	EVERY 3	MIN. 6 MO.	INSPECTED/ TESTED	CORRECTIVE MEASURES REQ'D	COMMENTS
	WEEK	MONTH	MONTHS	AS REGD(1)	(YES) OR (NO)	(YES or NO)	
GROUNDWATER SYSTEM							
/ERIFY EQUIPMENT IS OPERATING WITH NO DAMAGE OR LEAKS	х				Y	N	
LOG SYSTEM OPERATING PARAMETERS	х				Y	_ N	
JSE PLC TO CHECK SYSTEM OPERATING CONDITIONS	x				Ÿ	N	
FEST LEVEL CONTROLS ETC.	х				Ý	N	
USE PLC TO VERIFY DIAL OUT STATUS IS ENABLED	x				14	N_	
INSPECT CONTAINMENT SUMP/FLOOR SEAL	х				ý	N	
INSPECT BUILDING AND FOUNDATION INTEGRITY	х				Ý	N	
NSPECTIVERIFY HEATING AND VENTILATING SYSTEM OPERATIONS				х	N	-	Test Trip Set Point and Clean Screens and Louvers
INSPECTIVISUALLY CHECK LIGHTING SYSTEM & EMERGENCY SYSTEM	ΑX				Y	2	
VISUALLY INSPECT ELECTRICAL SYSTEM	x		L		Y	2	
/ERIFY PUMP OPERATION	x				17	N	
WELL LEVELS - MANUALLY CHECK VWATER LEVEL VS. PLC DATA		х			l N	_	
SAMPLING (SEE TABLE IN NPDES ATTACHMENTS)		x			N	-	
UR STRIPPER - CHECK SOLIDS ACCUMULATION	1			x	N	-	
CHECK BAG FILTER PRESSURES	х				У	N	
CHECK CARBON FILTER PRESSURES	х					N -	
NR STRIPPER - CHECK BLOWER OPERATION AND PRESSURE DROP	х				У	N	
AMP TRANSFER PUMP MOTORS				x	N	_	
TRANSFER PUMPS - PERFORM P.M. SERVICE				х	N	-	
NR STRIPPER - MEASURE AIR FLOW, FULL INSPECTION				х	N	_	
CHECK & CALIBRATE INSTRUMENTATION				x	N	_	
MANUALLY OPERATE & CHECK VALVES				x	N	_	
MANUALLY TEST SAFETY INTERLOCKS			x		N	-	
	<u> </u>	<u> </u>			ļ		

Notes:

manufacturer data for the system equipment, system alarms, and Owner requirements

WELL ID	TIME	WATER LEVEL TOR	TOR ELEVATION	WATER ELEVATION TOR
MW-301D	0:00	33.76	970.44	936.68
MW-414D	10:07	35.07	971.91	936.84
MW-413D	10:16	33.37	970.13	936.76
MW-416D	10:27	28.94	966.84	936.90

¹ Frequency that may be required is based on

		-			INSPECTION DATE: 8.7.16 INSPECTION BY: Michael Rasmussen
	MINIMUM	FREQUENCY	INSPECTED/	CORRECTIVE	
	EVERY	EVERY	TESTED	MEASURES REQ'D	COMMENTS
	WEEK	монтн	(YES or NO)	(YES or NO)	
SITE SAFETY					1/2
FIRST AID KIT	х		7	2	
EYEWASH STATION	х		У	N	
FIRE EXTINGUISHERS\SMOKE DETECTORS	х		Y	N	
EMERGENCY LIGHTING	х		LУ	N	
SITE ISSUES	x		Y	N	
SITE SECURITY					
FENCING		x_	У	L N	
GATES		х	Ý	N	
LOCKS		х	Ý	N	
SIGNS		х	Ý	N	
SITE		x	4	N.	
SITE GROUNDS					
DRAINAGE DITCHES/SWALES		Х	У	N	
BUILDING		х	Ý	N	
RECOVERY WELL		х	Ń	_	
ACCESS ROAD		х	1 4	N	
WASTE			7		
CARBON	х		-	- u	
SOLID	Х		٧	N	

							INSPECTION DATE: 8.2.16
							INSPECTION BY: Michael Pasinus
		,			INSPECTED	CORRECTIVE	COMMENTS
	EVERY	EVERY	EVERY 3	MIN. 6 MO.	TESTED	MEASURES REQ'D	
	Į			OR			
	WEEK	MONTH	MONTHS	AS REOD(1)	(YES) OR (NO)	(YES or NO)	
GROUNDWATER SYSTEM	├──	-	-	-			
ERIFY EQUIPMENT IS OPERATING WITH NO DAMAGE OR LEAKS	х		-		<u></u>	N	
LOG SYSTEM OPERATING PARAMETERS	х		 				
ISE PLC TO CHECK SYSTEM OPERATING CONDITIONS	х				Y	N	
EST LEVEL CONTROLS ETC.	х			<u> </u>	Y	N_	
USE PLC TO VERIFY DIAL OUT STATUS IS ENABLED	х				Υ	N	·
NSPECT CONTAINMENT SUMP/FLOOR SEAL	х	l			Ý	IN .	
NSPECT BUILDING AND FOUNDATION INTEGRITY	x				Y	N	
ISPECTIVERIFY HEATING AND VENTILATING SYSTEM OPERATIONS				х	N	_	Test Trip Set Point and Clean Screens and Louvers
NSPECTIVISUALLY CHECK LIGHTING SYSTEM & EMERGENCY SYSTEM	x				Y	N	·
VISUALLY INSPECT ELECTRICAL SYSTEM	×		1		7	N	
ERIFY PUMP OPERATION	×				Y	N	
WELL LEVELS - MANUALLY CHECK VWATER LEVEL VS. PLC DATA		×			N		
AMPLING (SEE TABLE IN NPDES ATTACHMENTS)		х			Y	N	Monthly System Sampling - No Bas Filkers in use (arbon not in use
NR STRIPPER - CHECK SOLIDS ACCUMULATION				x	N	-	
CHECK BAG FILTER PRESSURES	х				Y	N	- No Bas Filters in usc
CHECK CARBON FILTER PRESSURES	x				7	-	Carbon not in use
IR STRIPPER - CHECK BLOWER OPERATION AND PRESSURE DROP	х				L Y	N	
WAP TRANSFER PUMP MOTORS	,			x	N		1 (2)
FRANSFER PUMPS - PERFORM P.M. SERVICE			T	x	N	-	£
IR STRIPPER - MEASURE AIR FLOW, FULL INSPECTION				x	N	-	(A)
CHECK & CALIBRATE INSTRUMENTATION				x	N	_	X
MANUALLY OPERATE & CHECK VALVES				x	N	-	**.
MANUALLY TEST SAFETY INTERLOCKS			x		Ň	-	
			1		Ę,		
			1	<u> </u>		<u> 1 </u>	

¹ Frequency that may be required is based on manufacturer data for the system equipment, system alarms, and Owner requirements

WELL ID	TIME	WATER LEVEL TOR	TOR ELEVATION	WATER ELEVATION TOR
MW-301D	12:15	34.08	970.44	936.36
_ MW-414D	12:23	35,581	971.91	934.40
MW-4130	12:31	33.75	970.13	936,38
MW-416D	12:41	29.42	965.84	936.42

8					INSPECTION DATE: 8/12/16 INSPECTION BY: TMV
	MINIMUM F	REQUENCY	INSPECTED/	CORRECTIVE	
	EVERY	EVERY	TESTED	MEASURES REQ'D	COMMENTS
	WEEK	MONTH	(YES or NO)	(YES or NO)	
SITE SAFETY					9.
FIRST AID KIT	х		Υ.	a N	
EYEWASH STATION	х		7	N	Replace soon
FIRE EXTINGUISHERS\SMOKE DETECTORS	х		Y	N	
EMERGENCY LIGHTING	х		4	N	
SITE ISSUES	х		Y	N)	
SITE SECURITY					
FENCING		х	Y	N	
GATES		х	Y	N	
LOCKS		Х	Y	N	
SIGNS		х	Y	Ň	
SITE		х	4	N	could use vegetation contra
SITE GROUNDS					
DRAINAGE DITCHES/SWALES		х	Y	71	
BUILDING		X	Y	N	
RECOVERY WELL		х	Y	N	
ACCESS ROAD		х	Ý	N.	
WASTE					
CARBON	х			1044	
SOLID	х				

			141	_			INSPECTION DATE: 8/12/16 INSPECTION BY: TMV
·			,		INSPECTED	CORRECTIVE	COMMENTS
	EVERY	EVERY	EVERY 3	MIN. 6 MO.	TESTED	MEASURES REQ'D	
	1			OR			
	WEEK	MONTH	MONTHS	AS REQD(1)	(YE\$) OR (NO)	(YES or NO)	CC
GROUNDWATER SYSTEM							
PERIFY EQUIPMENT IS OPERATING WITH NO DAMAGE OR LEAKS	х		1		<u> </u>	N	
LOG SYSTEM OPERATING PARAMETERS	х.	-	<u> </u>		Y	N	
ISE PLC TO CHECK SYSTEM OPERATING CONDITIONS	х				(a)	N N	
TEST LEVEL CONTROLS ETC.	x				Y	N	
USE PLC TO VERIFY DIAL OUT STATUS IS ENABLED	х				Y	17	
INSPECT CONTAINMENT SUMP/FLOOR SEAL	x				Y	N	
INSPECT BUILDING AND FOUNDATION INTEGRITY	x				1	N	
NSPECTIVERIFY HEATING AND VENTILATING SYSTEM OPERATIONS				х			Test Trip Set Point and Clean Screens and Louvers
INSPECTIVISUALLY CHECK LIGHTING SYSTEM & EMERGENCY SYSTEM	x				Y	N	
VISUALLY INSPECT ELECTRICAL SYSTEM	x				LY	1	
ZERIFY PUMP OPERATION	х	W			L Ý	Ai	<u> </u>
WELL LEVELS - MANUALLY CHECK VWATER LEVEL VS. PLC DATA		x			Y	1/1	
SAMPLING (SEE TABLE IN NPDES ATTACHMENTS)		х			Y	U.	
NR STRIPPER - CHECK SOLIDS ACCUMULATION			1	x	1		
CHECK BAG FILTER PRESSURES	x				Y	N	
CHECK CARBON FILTER PRESSURES	х				4	N	
IR STRIPPER - CHECK BLOWER OPERATION AND PRESSURE DROP	x				Y	11	
AMP TRANSFER PUMP MOTORS				х			
TRANSFER PUMPS - PERFORM P.M. SERVICE				х			
IR STRIPPER - MEASURE AIR FLOW, FULL INSPECTION	22			х			
CHECK & CALIBRATE INSTRUMENTATION				x			
MANUALLY OPERATE & CHECK VALVES				x			
AANUALLY TEST SAFETY INTERLOCKS			x				-
		<u> </u>					

^{*} Frequency that may be required is based on manufacturer data for the system equipment, system alarms, and Owner requirements

WELL ID	TIME	WATER LEVEL TOR	TOR ELEVATION	WATER ELEVATION TOR
MW-301D	13:06	34.46	970.44	935.98
MW-414D	13:02	35.77	971.91	936.14
MW-413D	12:59	34.07	970.13	936.06
MW-416D	12:54	29.75	966.84	936.09

j.sc			·		INSPECTION DATE: 8/18/16 INSPECTION BY: WJR
	MINIMUM FREQUENCY		INSPECTED/	CORRECTIVE	
	EVERY	EVERY	TESTED	MEASURES REQ'D	COMMENTS
	WEEK	МОМТН	(YES or NO)	(YES or NO)	
SITE SAFETY					F1
FIRST AID KIT	х	6.7	У	_ \	
EYEWASH STATION	х		Ý	N	U.
FIRE EXTINGUISHERS\SMOKE DETECTORS	х		Y	7	
EMERGENCY LIGHTING	х		Y	N	
SITE ISSUES	х		7	N	
SITE SECURITY			,		
FENCING		х	Υ Υ	ANCE. N	
GATES		×	Y	N	
LOCKS		х	У	N	
SIGNS		х	Ý	N	
SITE]	х	У	N	
SITE GROUNDS				<u> </u>	
DRAINAGE DITCHES/SWALES	,	х	У	N	·
BUILDING		Х	Ý	N	1
RECOVERY WELL		х	N		
ACCESS ROAD		х	7	N	
WASTE					
CARBON	х		I —	10	
SOLID	х		7	N	

							INSPECTION BY: WIR
	EVERY	EVERY	EVERY 3	MIN. 6 MO. OR	INSPECTED/ TESTED	CORRECTIVE MEASURES REO'D	COMMENTS
	WEEK	МОНТН	MONTHS	AS REOD(1)	(YES) OR (NO)	(YES or NO)	
GROUNDWATER SYSTEM		<u> </u>			ч	N	
FRIFY EQUIPMENT IS OPERATING WITH NO DAMAGE OR LEAKS	х				7	N	
LOG SYSTEM OPERATING PARAMETERS	x .		<u> </u>		Ý	N	
USE PLC TO CHECK SYSTEM OPERATING CONDITIONS	х				Y	N	
TEST LEVEL CONTROLS ETC.	х				Ý	_ N	
USE PLC TO VERIFY DIAL OUT STATUS IS ENABLED	х				Y	- N	
INSPECT CONTAINMENT SUMP/FLOOR SEAL	x				Ÿ	N.	
INSPECT BUILDING AND FOUNDATION INTEGRITY	х				Y	N	
NSPECTIVERIFY HEATING AND VENTILATING SYSTEM OPERATIONS				x	N		Test Trip Set Point and Clean Screens and Louvers
INSPECTIVISUALLY CHECK LIGHTING SYSTEM & EMERGENCY SYSTEM	×				7	N	
VISUALLY INSPECT ELECTRICAL SYSTEM	х				Ý	N	
VERIFY PUMP OPERATION	х				ý	N	
WELL LEVELS - MANUALLY CHECK VWATER LEVEL VS. PLC DATA		х			.7	_	
SAMPLING (SEE TABLE IN NPDES ATTACHMENTS)		x.			7		
NR STRIPPER - CHECK SOLIDS ACCUMULATION				x	7	_	
CHECK BAG FILTER PRESSURES	х				Y	N	
CHECK CARBON FILTER PRESSURES	x				_		
AIR STRIPPER - CHECK BLOWER OPERATION AND PRESSURE DROP	x				Y	N	
AMP TRANSFER PUMP MOTORS				x	N	-	
TRANSFER PUMPS - PERFORM P.M. SERVICE				х	٨	_	
AIR STRIPPER - MEASURE AIR FLOW, FULL INSPECTION				х	N	_	
CHECK & CALIBRATE INSTRUMENTATION				x	7	_	
MANUALLY OPERATE & CHECK VALVES				x	N.	_	
MANUALLY TEST SAFETY INTERLOCKS			x		N		
			2.9				

¹ Frequency that may be required is based on manufacturer data for the system equipment, system alarms, and Owner requirements

WELL ID	TIME	WATER LEVEL TOR	TOR ELEVATION	WATER ELEVATION TOR
MW-301D	14:55	33.42	970.44	937.02
MW-414D	14:30	34.57	971.91	937.34
MW-4130	14:45	32.87	970.13	9.97.26
MW-416D	14:35	28.50	965.84	937.28

					INSPECTION DATE: 8.23.14 INSPECTION BY: Michael Pasmusse
	MINIMUM	FREQUENCY	INSPECTED/	CORRECTIVE	22.
<u> </u>	EVERY	EVERY	TESTED	MEASURES REQ'D	COMMENTS
	WEEK	MONTH	(YES or NO)	(YES or NO)	
SITE SAFETY			•		£
FIRST AID KIT	х		У	N	
EYEWASH STATION	х		У	N	
FIRE EXTINGUISHERS\SMOKE DETECTORS	х		У	N	
EMERGENCY LIGHTING	х		У	Н	
SITE ISSUES	х		Y	N	
SITE SECURITY					
FENCING		х	Y	N	
GATES		х	У	N	
LOCKS		x	Y	N	
SIGNS		х	У	N	
SITE		х	7	N	
SITE GROUNDS			1-		
DRAINAGE DITCHES/SWALES		x	У	N	
BUILDING		х	Ÿ	N	
RECOVERY WELL		х	У	N	
ACCESS ROAD		х	7	N	
WASTE			- (4	5	
CARBON	х		_	- =	NA.
SOLID	х		У	N	E

			20				INSPECTION DATE: 8.23.14
							INSPECTION BY: Michael Rasmussen
							,,,,,,,,
	<u> </u>		,		INSPECTED/	CORRECTIVE	COMMENTS
	EVERY	EVERY	EVERY 3	MIN. 6 MO.	TESTED	MEASURES REQ'D	
			l	ОЯ			
	WEEK	MONTH	MONTHS	AS REQD(1)	(YES) OR (NO)	(YES or NO)	<u> </u>
GROUNDWATER SYSTEM							
VERIFY EQUIPMENT IS OPERATING WITH NO DAMAGE OR LEAKS	x		ļ		Y	N	
LOG SYSTEM OPERATING PARAMETERS	х				Υ	N_	:4
USE PLC TO CHECK SYSTEM OPERATING CONDITIONS	x				Y	N	
TEST LEVEL CONTROLS ETC	×				У	N	
USE PLC TO VERIFY DIAL OUT STATUS IS ENABLED	×				<u> </u>	N	
INSPECT CONTAINMENT SUMP/FLOOR SEAL	х				Ý	N	
INSPECT BUILDING AND FOUNDATION INTEGRITY	x				У	Ň	
INSPECTIVERIFY HEATING AND VENTILATING SYSTEM OPERATIONS				x	14		Test Trip Set Point and Clean Screens and Louvers
INSPECTIVISUALLY CHECK LIGHTING SYSTEM & EMERGENCY SYSTEM	x				7.	N	· · · · · · · · · · · · · · · · · · ·
VISUALLY INSPECT ELECTRICAL SYSTEM	x				Y	N	
VERIFY PUMP OPERATION	х	·			Y	~	
WELL LEVELS - MANUALLY CHECK VWATER LEVEL VS. PLC DATA		x	<u> </u>		Ň	_	
SAMPLING (SEE TABLE IN NPDES ATTACHMENTS)		×			N	-	·
AIR STRIPPER - CHECK SOLIDS ACCUMULATION				x	N		<u>"</u>
CHECK BAG FILTER PRESSURES	х				У	N.	
CHECK CARBON FILTER PRESSURES	х				Y	N	
AIR STRIPPER - CHECK BLOWER OPERATION AND PRESSURE DROP	x				y	Ň	
AMP TRANSFER PUMP MOTORS				х	Ń	_	
TRANSFER PUMPS - PERFORM P.M. SERVICE				x	N	-	
AIR STRIPPER - MEASURE AIR FLOW, FULL INSPECTION				х	N		i e
CHECK & CALIBRATE INSTRUMENTATION				х	N	_	
MANUALLY OPERATE & CHECK VALVES				x	N	_	
MANUALLY TEST SAFETY INTERLOCKS			x		N	_	

¹ Frequency that may be required is based on manufacturer data for the system equipment, system atarms, and Owner requirements

WELL ID	TIME	WATER LEVEL TOR	TOR ELEVATION	WATER ELEVATION TOR
MW-301D	15:15	3300	970.44	937.44
MW-4140	15:20	34.46	971.91	937.45
MW-4130	15:27	32.67	970.13	937.46
MW-416D	15:36	28.37	965.84	937.47

					INSPECTION DATE: 9.1.16 INSPECTION BY: MC
	MINIMUM I	FREQUENCY	INSPECTED/	CORRECTIVE	
12.00	EVERY	EVERY	TESTED	MEASURES REQ'D	COMMENTS
	WEEK	MONTH	(YES or NO)	(YES or NO)	
SITE SAFETY					43
FIRST AID KIT	х		У	14	
EYEWASH STATION	х		7	ty y	> Needs to be refilled w/ solution
FIRE EXTINGUISHERS\SMOKE DETECTORS	х		>	Ŋ	
EMERGENCY LIGHTING	х		7	N	
SITE ISSUES	х		7	N	
SITE SECURITY			20		* ****
FENCING		х	У	N	
GATES		x	Ý	N	
LOCKS		х	У	N	
SIGNS		<u>x</u>	¥	N	
SITE		х	Ý	N	
SITE GROUNDS					
DRAINAGE DITCHES/SWALES		x	Y	14	
BUILDING		х	7	~	
RECOVERY WELL	55	х	H	-	
ACCESS ROAD		х	Y	7	
WASTE					
CARBON	x		-	~ //	NA AN
SOLID	Х		**	N	

·			*				INSPECTION BY: Michael Resurse
•					INSPECTED	CORRECTIVE	COMMENTS
	EVERY	EVERY	EVERY 3	MINL 6 MO.	TESTED	MEASURES REO'D	
		1		OR			
	WEEK	МОМТН	MONTHS	AS REQD(1)	(YES) OR (NO)	(YES or NO)	
GROUNDWATER SYSTEM					У	N	
VERIFY EQUIPMENT IS OPERATING WITH NO DAMAGE OR LEAKS	x				<u> </u>	Ŋ	
LOG SYSTEM OPERATING PARAMETERS	x		<u> </u>		Ý	N	
USE PLC TO CHECK SYSTEM OPERATING CONDITIONS	x				Y	N	
TEST LEVEL CONTROLS ETC.	х				7	N	
USE PLC TO VERIFY DIAL OUT STATUS IS ENABLED	x				Y	N	
INSPECT CONTAINMENT SUMP/FLOOR SEAL	x				У	2	
INSPECT BUILDING AND FOUNDATION INTEGRITY	x				ý	N	
NSPECTIVERIFY HEATING AND VENTILATING SYSTEM OPERATIONS				x	1		Test Trip Set Point and Clean Screens and Louvers
INSPECTIVISUALLY CHECK LIGHTING SYSTEM & EMERGENCY SYSTEM	x		I		Ý	N	
VISUALLY INSPECT ELECTRICAL SYSTEM	x]		Ý	N	
VERIFY PUMP OPERATION	x				4	N.	
WELL LEVELS - MANUALLY CHECK VWATER LEVEL VS. PLC DATA		х			⇒N	挥	
SAMPLING (SEE TABLE IN NPDES ATTACHMENTS)		х			44	# -	
AIR STRIPPER - CHECK SOLIOS ACCUMULATION				x	74		· · · · · · · · · · · · · · · · · · ·
CHECK BAG FILTER PRESSURES	x				y	h	NA
CHECK CARBON FILTER PRESSURES	x				Y	И	AN
NR STRIPPER - CHECK BLOWER OPERATION AND PRESSURE DROP	х				4	N	
AMP TRANSFER PUMP MOTORS				х	Ń	_	
TRANSFER PUMPS - PERFORM P.M. SERVICE				x	N	~	
AIR STRIPPER - MEASURE AIR FLOW, FULL INSPECTION				x	N	~	
CHECK & CALIBRATE INSTRUMENTATION				x	Ŋ	_	
MANUALLY OPERATE & CHECK VALVES				×	N	_	
MANUALLY TEST SAFETY INTERLOCKS			х		N	-	-

Notes:

¹ Frequency that may be required is based on manufacturer data for the system equipment, system alarms, and Owner requirements

WELL ID	TIME	WATER LEVEL TOR	TOR ELEVATION	WATER ELEVATION TOR
MW-301D	15:00	32.78	970.44	937.66
MW-414D	15:07	33.92	971.91	937.99
MW-413D	IS: 15	32.23	970.13	937.90
MW-416D	15:23	27.96	965.84	937.88

9.1.14

				,	INSPECTION BY: M: chall les musse
···	MINIMUM I	FREQUENCY	INSPECTED/	CORRECTIVE	
· · · ·	EVERY	EVERY	TESTED	MEASURES REQ'D	COMMENTS
	WEEK	MONTH	(YES or NO)	(YES or NO)	
SITE SAFETY					**************************************
FIRST AID KIT	х		\ \ \	N	
EYEWASH STATION	х		У	Y	< Needs New Solution
FIRE EXTINGUISHERS\SMOKE DETECTORS	х		Y	N	
EMERGENCY LIGHTING	х		У	N	
SITE ISSUES	х		Ý	7	
SITE SECURITY					· · · · · · · · · · · · · · · · · · ·
FENCING		х	Y		
GATES		х	7	17	
LOCKS		x	4	N	
SIGNS		х	7	К	
SITE		х	1 4	N	
SITE GROUNDS					
DRAINAGE DITCHES/SWALES		×	\ \ \	1	
BUILDING		X	Ý	14	
RECOVERY WELL		х	Ý	_	
ACCESS ROAD		х	ÿ	N	
WASTE					
CARBON	х		-	-	N.A. Carbon Off Live
SOLID	х		7	N	

							INSPECTION BATE: 9.6.14 INSPECTION BY: Michael Fasmussen
					INSPECTED	CORRECTIVE	COMMENTS
	EVERY	EVERY	EVERY 3	MIN. 6 MO.	TESTED	MEASURES REQ'D	
				ОП			
	WEEK	MONTH	MONTHS	AS REQD(1)	(YES) OR (NO)	(YES or NO)	
GROUNDWATER SYSTEM	<u> </u>				Y		
ERIFY EQUIPMENT IS OPERATING WITH NO DAMAGE OR LEAKS	x	1			Y	N	
LOG SYSTEM OPERATING PARAMETERS	х				Y	N	
ISE PLC TO CHECK SYSTEM OPERATING CONDITIONS	х				У	N	
EST LEVEL CONTROLS ETC	x				Y	Ķ	
USE PLC TO VERIFY DIAL OUT STATUS IS ENABLED	X.				١ ٧	N	
NSPECT CONTAINMENT SUMP/FLOOR SEAL	x	l			7	Н	
NSPECT BUILDING AND FOUNDATION INTEGRITY	x				1	И	
NSPECTIVERIFY HEATING AND VENTILATING SYSTEM OPERATIONS				х	И	~	Test Trip Set Point and Clean Screens and Louvers
NSPECTIVISUALLY CHECK LIGHTING SYSTEM & EMERGENCY SYSTEM	X.		į.		7	7	
VISUALLY INSPECT ELECTRICAL SYSTEM	х		:		Ý	1	
PERIFY PUMP OPERATION	x				١.٦	7	
WELL LEVELS - MANUALLY CHECK VWATER LEVEL VS. PLC DATA		x			N_	L.N.	
AMPLING (SEE TABLE IN NPDES ATTACHMENTS)		х			A.	h	
NR STRIPPER - CHECK SOLIDS ACCUMULATION				x	Ż	N	Y 1
CHECK BAG FILTER PRESSURES	х	}		<u> </u>	4	X h	
CHECK CARBON FILTER PRESSURES	x	Ι.			4	XŃ	
IN STRIPPER - CHECK BLOWER OPERATION AND PRESSURE DROP	x_				Ý	34	
AMP TRANSFER PUMP MOTORS				x	Ň	2	23.2
TRANSFER PUMPS - PERFORM P.M. SERVICE				x	K	И	ah.
IR STRIPPER - MEASURE AIR FLOW, FULL INSPECTION				х	N	7	
CHECK & CALIBRATE INSTRUMENTATION				x	N	14	
MANUALLY OPERATE & CHECK VALVES				x	N	7	79
MANUALLY TEST SAFETY INTERLOCKS			x		N	7	4
·							

Notes:

manufacturer data for the system equipment, system alarms, and Owner requirements

WELL ID	TIME	WATER LEVEL TOR	TOR ELEVATION	WATER ELEVATION TOR
MW-301D	14:10	33.08	970.44	937.36 C
MW-414D	214:00	34.17	971.91	937.74
MW-4130	14:22	32.48	970.13	937.65
MW-416D	14:36	28.1	965.84	937.73

37.11 - 4.03

¹ Frequency that may be required is based on

					INSPECTION DATE: 9-(4-(な INSPECTION BY: こし
	MINIMUM F	REQUENCY	INSPECTED/	CORRECTIVE	
	EVERY	EVERY	TESTED	MEASURES REQ'D	COMMENTS
	WEEK	монтн	(YES or NO)	(YES or NO)	
SITE SAFETY					<u> </u>
FIRST AID KIT	Х		Y	2	Che lore Wille State
EYEWASH STATION	х		4	V	Box for change out
FIRE EXTINGUISHERS\SMOKE DETECTORS	Х		Ÿ	Ņ	0
EMERGENCY LIGHTING	Х		4	7	228-2006-2 Addition
SITE ISSUES	Х		Y	2	. — A SIAR SARA — —
SITE SECURITY			·		
FENCING		х	1		
GATES		X			
LOCKS		х			
SIGNS		X			
SITE		х			
SITE GROUNDS					
DRAINAGE DITCHES/SWALES		x			
BUILDING -		х			
RECOVERY WELL		Х			
ACCESS ROAD		х			
WASTE					
CARBON	х		Y	· N.	
SOLID	Х		Ÿ	. 4	

						INSPECTION DATE: 9-14-16
						INSPECTION BY: ELS
1			INSPECTED	CORRECTIVE	COMMENTS	
EVERY	EVERY	EVERY 3	MIN. 6 MO.	TESTED	MEASURES REQ'D	
			OR			
WEEK	MONTH	MONTHS	AS REQD(1)	(YES) OR (NO)	(YES or NO)	
х		 		Y	~	
×	1			Ý	N	
х				Ÿ	N	
×				Y	N	
х				Y	N	
x				Ý	2	
х				Ý	N	
			x	,		Test Trip Set Point and Clean Screens and Louvers
x				У	N	- 3.00 30 003
х				Ÿ	N	
х				Y	N	
	x					
	x					ME
			x			
x				Y	. N	
×				Y	N	
x				Y	N	
			х			
*			x			
			х		L	- WAVE
			х			
			x			
		х				
	WEEK X X X X X X X	WEEK MONTH X X X X X X X X X	WEEK MONTH MONTHS X X X X X X X X X	WEEK MONTH MONTHS AS REQD(1) X X X X X X X X X X X X X	EVERY EVERY 3 MIN. 8 MO. OR WEEK MONTH MONTHS AS REOD(1) (YES) OR (NO) X	EVERY

Notes:

manufacturer data for the system equipment, system alarms, and Owner requirements

WELL ID	TIME	WATER LEVEL TOR	TOR ELEVATION	WATER ELEVATION TOR
MW-301D	11:20	37.71	970.44	936.76
MW-414D	1615	34.79	971.91	937.12
MW-4130	16:10	33.10	970.13	937.03
MW-416D	11:00	28.76	965.84	937.08

giest spood 44-03 th

Frequency that may be required is based on

					INSPECTION DATE: ?-23-(6 INSPECTION BY: ELS
	MINIMUM I	REQUENCY	INSPECTED/	CORRECTIVE	
	EVERY	EVERY	TESTED	MEASURES REQ'D	COMMENTS
	WEEK	MONTH	(YES or NO)	(YES or NO)	
SITE SAFETY	•				-
FIRST AID KIT	х		У	ν	
EYEWASH STATION	х		Ÿ	7	Change 9-23-16
FIRE EXTINGUISHERS\SMOKE DETECTORS	х		9	7.7	0
EMERGENCY LIGHTING	х		Y	7	
SITE ISSUES	х		4		
SITE SECURITY					
FENCING		х	7	2	
GATES		х	4	N	
LOCKS		х	Ý	N 8	
SIGNS		×	Ý	N	
SITE		х	<u> </u>	7	
SITE GROUNDS					
DRAINAGE DITCHES/SWALES		х	У	N	
BUILDING		х	Ý	N	
RECOVERY WELL		х _	Ý	N	
ACCESS ROAD		Х	4	N	
WASTE					
CARBON	х		Y	2	
SOLID	х		4	2	

			-				INSPECTION DATE: 7-23-16 INSPECTION BY: ECS
					INSPECTED/	CORRECTIVE	COMMENTS
	EVERY	EVERY	EVERY 3	.OM & JAIM RO	TESTED	MEASURES REQ'D	
	WEEK	MONTH	MONTHS	AS REGD(1)	(YES) OR (NO)	(YES or NO)	
GROUNDWATER SYSTEM							
ERIFY EQUIPMENT IS OPERATING WITH NO DAMAGE OR LEAKS	к				Y	У	Be Punp auffunctioning
OG SYSTEM OPERATING PARAMETERS	х				- Ч	, N	, ,
SE PLC TO CHECK SYSTEM OPERATING CONDITIONS	х				Ÿ	7	
EST LEVEL CONTROLS ETC.	х				Ý	7	
USE PLC TO VERIFY DIAL OUT STATUS IS ENABLED	х				Ÿ	7	
NSPECT CONTAINMENT SUMP/FLOOR SEAL	х				Y	2	
NSPECT BUILDING AND FOUNDATION INTEGRITY	x				7	N	
NSPECTIVERIFY HEATING AND VENTILATING SYSTEM OPERATIONS				х			Test Trip Set Point and Clean Screens and Louvers
NSPECT/VISUALLY CHECK LIGHTING SYSTEM & EMERGENCY SYSTEM	их				Y	N	
VISUALLY INSPECT ELECTRICAL SYSTEM	х				Y	7	
ERIFY PUMP OPERATION	х				4	У.	BR Pump Mulfunctioning
WELL LEVELS - MANUALLY CHECK VWATER LEVEL VS. PLC DATA		x			4	7	9
AMPLING (SEE TABLE IN NPDES ATTACHMENTS)		x			٦	7	
IR STRIPPER - CHECK SOLIDS ACCUMULATION				х		ļ <u> </u>	
CHECK BAG FILTER PRESSURES	х				7	N	
CHECK CARBON FILTER PRESSURES	х				4	N	
IR STRIPPER - CHECK BLOWER OPERATION AND PRESSURE DROP_	x				7	N	
MAP TRANSFER PUMP MOTORS				x			
TRANSFER PUMPS - PERFORM P.M. SERVICE				x			
IR STRIPPER - MEASURE AIR FLOW, FULL INSPECTION				x			5
CHECK & CALIBRATE INSTRUMENTATION				x			
MANUALLY OPERATE & CHECK VALVES				x			
MANUALLY TEST SAFETY INTERLOCKS			х		Y	N	
	 	+	+			 	

Notes:

¹ Frequency that may be required is based on manufacturer data for the system equipment, system alarms, and Owner requirements

WELL ID	TIME	WATER LEVEL TOR	TOR ELEVATION	WATER ELEVATION TOR
MW-301D			970.44	
MW-414D			971.91	
MW-413D			970.13	
MW-416D			965.84	

* * No water level : due to matteretishing BR Pump

					INSPECTION DATE: 9-30-16 INSPECTION BY: WJR
	MINIMUM F	REQUENCY	INSPECTED/	CORRECTIVE	
	EVERY	EVERY	TESTED	MEASURES REQ'D	COMMENTS
	WEEK	MONTH	(YES or NO)	(YES or NO)	Ad
SITE SAFETY					8/
FIRST AID KIT	х		Y	N	=
EYEWASH STATION	х		ý	٨١	
FIRE EXTINGUISHERS\SMOKE DETECTORS	х		ý	A)	
EMERGENCY LIGHTING	х		y	N	
SITE ISSUES	х		ý	N	
SITE SECURITY			•	•	.=
FENCING		х	7	N	
GATES		х	4	N	
LOCKS		х	У	N	
SIGNS		х	У	N	
SITE		х	У	۸1	
SITE GROUNDS			10	•	
DRAINAGE DITCHES/SWALES		х		N	
BUILDING		X	Y	Ŋ	
RECOVERY WELL		х	Æ ý	N	
ACCESS ROAD		х	Ý	N	
WASTE			•	•	
CARBON	х				
SOLID	х		Y	/	

							INSPECTION DATE: INSPECTION BY:	9-30-16 WJR
	EVERY	EVERY	EVERY 3	MIN. 6 MO.	INSPECTED/ TESTED	CORRECTIVE MEASURES REO'D		COMMENTS
	WEEK	MONTH	MONTHS	AS REQU(1)	(YES) OR (NO)	(YES or NO)		
GROUNDWATER SYSTEM					N	A)		
/ERIFY EQUIPMENT IS OPERATING WITH NO DAMAGE OR LEAKS	х				Y	127		···
LOG SYSTEM OPERATING PARAMETERS	х		1		У	(1)		
JSE PLC TO CHECK SYSTEM OPERATING CONDITIONS	х				У	(A)		
TEST LEVEL CONTROLS ETC.	х				Ÿ	Λ2		
USE PLC TO VERIFY DIAL OUT STATUS IS ENABLED	x				Ý	N		
INSPECT CONTAINMENT SUMP/FLOOR SEAL	x				У			
INSPECT BUILDING AND FOUNDATION INTEGRITY	×				Ý	7		
NSPECTIVERIFY HEATING AND VENTILATING SYSTEM OPERATIONS				x	N		Test Trip Set Point and Clea	n Screens and Louvers
INSPECTIVISUALLY CHECK LIGHTING SYSTEM & EMERGENCY SYSTEM	мх				y	2.1		
VISUALLY INSPECT ELECTRICAL SYSTEM	х				Ý	N		
VERIFY PUMP OPERATION	x				Ý	N	ì	
WELL LEVELS - MANUALLY CHECK VWATER LEVEL VS. PLC DATA		x			الم			
SAMPLING (SEE TABLE IN NPDES ATTACHMENTS)		x			1			· · ·
NR STRIPPER - CHECK SOLIDS ACCUMULATION				x	N.	_		
CHECK BAG FILTER PRESSURES	х				4	ام		
CHECK CARBON FILTER PRESSURES	×					<u> </u>		
NR STRIPPER - CHECK BLOWER OPERATION AND PRESSURE DROP	х				7	N		
AMP TRANSFER PUMP MOTORS				x	N	,		
TRANSFER PUMPS - PERFORM P.M. SERVICE				x	N	_		
NR STRIPPER - MEASURE AIR FLOW, FULL INSPECTION			1	x	N			
CHECK & CALIBRATE INSTRUMENTATION				x	N			
MANUALLY OPERATE & CHECK VALVES				x	N			
		1			1 7			

Notes:

Frequency that may be required is based on manufacturer data for the system equipment, system alarms, and Owner requirements

WELL ID	TIME	WATER LEVEL TOR	TOR ELEVATION	WATER ELEVATION TOR
MW-301D	17:20	34.79	934.47 970:44	939.68
MW-414D	16:55	31.85	971.91	94006
MW-413D	17=10	30.20	970.13	9.39.93
MW-416D	17:05	25.86	965.84	939.98

ToR Changed Riser Elev. +4.03

Attachment F
Bedrock Groundwater Migration Control System
Shutdown Reports

DATE: \$4.1.16	
TIME: (5:03	
BY: MR	
SYSTEM NAME: GWMC SYSTEM COMPONENT: GAC Value to	2nd Corton
REASON FOR REPORT: - BROX Mayual Shutdown of syste	
during soutine Boy Filter Change	
REASON FOR SHUTDOWN: - Water Flow not Controlled by	
normal shut off Values	. 4
TOTALL STOP OF THE PARTY OF THE	
ACTION TAKEN: & Shutdown, Pestart & retry Bay Change	
with All values off & water in Airstripper	
pinged down	
SHUTDOWN DATE & TIME: \$ 41.16 @ 15:03	
START-UP DATE & TIME: 4.1.16 8 15:40	
COMMENTS/SUGGESTIONS:	N.
luvestigate Values & Lines to Carbon Veger	1#1
E Carbon Versel #2	
REQUIRED REPORT NOTIFICATION PER SECTION 4.0	
IMMEDIATE NON-CRITICAL ROUTINE	
INDIVIDUAL NOTIFIED	
ACTION/RESPONSE	

DATE: 4/4/(6
TIME: (1:00
BY: ELC
SYSTEM NAME: GWMC SYSTEM COMPONENT: Procuss 38
REASON FOR REPORT: Autoratic Shutdown
REASON FOR SHUTDOWN: Process 38
· · · · · · · · · · · · · · · · · · ·
ACTION TAKEN: Pump down sight glack, change bug filters, restort system.
0 0
SHUTDOWN DATE & TIME: 4/4/16 06:57
START-UP DATE & TIME: 4416 11:20
COMMENTS/SUGGESTIONS:
REQUIRED REPORT NOTIFICATION PER SECTION 4.0
IMMEDIATE NON-CRITICAL ROUTINE
INDIVIDUAL NOTIFIED
ACTION/RESPONSE

DATE: 4.7.16
TIME: 13:00
BY: MR
SYSTEM NAME: SYSTEM COMPONENT: ASLS HH
REASON FOR REPORT: Alam Response - Autometic Shutdown
REASON FOR SHUTDOWN: - Auto Shutdown ASCSHH > Rain
Last Night (Heavy)
ACTION TAKEN: Change B.F. & Restart Sy Stem
SHUTDOWN DATE & TIME: 4.6.16 @ 22:40
START-UP DATE & TIME: 4.7.16 @ 13:25
COMMENTS/SUGGESTIONS:
REQUIRED REPORT NOTIFICATION PER SECTION 4.0
IMMEDIATE NON-CRITICAL ROUTINE
INDIVIDUAL NOTIFIED
ACTION/RESPONSE

DATE: 4.8.16	
TIME: 13:38	
BY: MQ	
SYSTEM NAME: GWMC SYSTEM COMPONENT: Bag Filter \$	Values
REASON FOR REPORT: System Shutdown, Manual	
<u> </u>	
REASON FOR SHUTDOWN: While Changing Bac Filters,	
Valves where shut, yet water flowed continua	isly
through Bag Filter Housing	
ACTION TAKEN: - Shut down system use red values to	
individually shut each B.F.	
* (ALSO) > Sump Pump Keeps getting cloqued # Alarming	System
SHUTDOWN DATE & TIME: 4.8.14 12:37	
START-UP DATE & TIME: 4.8.16 13:35	
COMMENTS/SUGGESTIONS:	
- Check out Carbon Vessels & Sump Pump	
REQUIRED REPORT NOTIFICATION PER SECTION 4.0	
IMMEDIATE NON-CRITICAL ROUTINE	
INDIVIDUAL NOTIFIED	
ACTION/RESPONSE	

DATE: 4. N. 16
TIME: 1:06
BY: M.R
SYSTEM NAME: GWMC SYSTEM COMPONENT: ASHSHH
REASON FOR REPORT: Automobic Shut down
REASON FOR SHUTDOWN: AS HS HH -> Rain Last night,
system went into Harm
ACTION TAKEN: - XO Bag Filters- Preform Backwash
3
SHUTDOWN DATE & TIME: 03:10 4.11.16
START-UP DATE & TIME: 43/ 4.11.16
COMMENTS/SUGGESTIONS:
Run another Back Wesh
RON AND THE BUILD WELL
REQUIRED REPORT NOTIFICATION PER SECTION 4.0
REQUIRED REPORT NOTIFICATION PER SECTION 4.0
IMMEDIATE NON-CRITICAL ROUTINE
INDIVIDUAL NOTIFIED
ACTION/RESPONSE

DATE: 4/18/16
TIME: 12', 36
BY: TMV
SYSTEM NAME: GWMC SYSTEM COMPONENT: Bag Filters REASON FOR REPORT: Change B.F
REASON FOR REPORT: Change B.F
REASON FOR SHUTDOWN:
ACTION TAKEN: Change BL
ACTION PAREN.
12' 20
SHUTDOWN DATE & TIME: 4/18/16 12'. 30 START-UP DATE & TIME: 4/18/16 14'. 35
START-UP DATE & TIME: 1/18/10 19:55
COMMENTS/SUGGESTIONS:
Pa .
REQUIRED REPORT NOTIFICATION PER SECTION 4.0
IMMEDIATE NON-CRITICAL ROUTINE
,
INDIVIDUAL NOTIFIED
ACTION/RESPONSE

DATE: 4/19/16
TIME: 16:00
BY: WIR
SYSTEM NAME: GWMC. SYSTEM COMPONENT: MC.
REASON FOR REPORT: Manual Shutdown
E .
REASON FOR SHITDOWN: To the transfer of the state of the
REASON FOR SHUTDOWN: Treatment verification; Removed air stripper bypass
piping; Re-started system without carbon per Ohio EPA approval.
ACTION TAKEN:
SHUTDOWN DATE & TIME: 4/19/16 16-00
START-UP DATE & TIME: 4/29/16 12:30
COMMENTS/SUGGESTIONS:
REQUIRED REPORT NOTIFICATION PER SECTION 4.0
IMMEDIATE NON-CRITICAL ROUTINE
INDIVIDUAL NOTIFIED
ACTION/RESPONSE

DATE: 6 [4 2016
TIME: 08:00
BY: ELK
SYSTEM NAME: GWMC SYSTEM COMPONENT: ASLSHIA
REASON FOR REPORT: Automotic System Stutebour
REASON FOR SHUTDOWN: AS L SHH Alarm triggered
Bag filters clagged with iron precipitate.
ACTION TAKEN: Changed box filters, pumped down sight sless and
re-started the system
SHUTDOWN DATE & TIME: 6 5 28 (6 17:29
START-UP DATE & TIME: 6/6/2016 @ 08:48
COMMENTS/SUGGESTIONS:
REQUIRED REPORT NOTIFICATION PER SECTION 4.0
IMMEDIATENON-CRITICALROUTINE
INDIVIDUAL NOTIFIED
ACTION/RESPONSE

DATE: 6.8.16
TIME: ((:05
BY: MR
OVOTEN NAME: CANADA OVOTEN ODUPOVENT PARENTE
SYSTEM NAME: COMMC SYSTEM COMPONENT: Bag Filters
REASON FOR REPORT: - Shit down System to Remove \$
Replace Ob Bag Filters
<u> </u>
REASON FOR SHUTDOWN:
- People Filters Caked into housing by
- Peplace Filters Caked into Housing by Fe deposits.
ACTION TAKEN:
· · · · · · · · · · · · · · · · · · ·
Replace Bag Fillers & Restort System
1 5 11 2 11 2
SHUTDOWN DATE & TIME: 6.8.14 9 11:05
START-UP DATE & TIME: 6.8.16 (S) 11:30
COMMENTS/SUGGESTIONS:
DECLUDED DEPORT NOTIFICATION DED CECTION 4.0
REQUIRED REPORT NOTIFICATION PER SECTION 4.0
IMMEDIATE NON-CRITICAL ROUTINE
INDIVIDUAL NOTIFIED
ACTION/RESPONSE

SYSTEM NAME: JUMC SYSTEM COMPONENT: CAY REASON FOR REPORT: Process 38 REASON FOR SHUTDOWN: Triped breaker	bor Riv
SYSTEM NAME: GNMC SYSTEM COMPONENT: CAN REASON FOR REPORT: Process 38 REASON FOR SHUTDOWN: Triped breaker	bor Riv
SYSTEM NAME: JUMC SYSTEM COMPONENT: CAV REASON FOR REPORT: Process 38 REASON FOR SHUTDOWN: Tiped breaker	bor R.V
	bor R.V.
REASON FOR SHUTDOWN: Triped breater	
REASON FOR SHUTDOWN: Triped breaker	
	13845
ACTION TAKEN: Reset the breaker restart	system
SHUTDOWN DATE & TIME: 8 9 6 8 54	
START-UP DATE & TIME: 8/10/16 /3:06	
COMMENTS/SUGGESTIONS:	
REQUIRED REPORT NOTIFICATION PER SECTION 4.0	
	_
IMMEDIATENON-CRITICALROUTINE	
INDIVIDUAL NOTIFIED	
ACTION/RESPONSE	

DATE: 8.15.16
TIME: 14:00
BY: MR
SYSTEM NAME: GWMC SYSTEM COMPONENT: System REASON FOR REPORT: Test Harn Faxes & Sump Pump
REASON FOR REPORT: Test Harm Faxes & Sumo Pumo
Oneflow Switch - System Down
REASON FOR SHUTDOWN: TEST Sugar Course Overflow) Shut of
REASON FOR SHUTDOWN: Test Sump pump overflow shut off Switch & System Alarm Faxes
See 100 Page
ACTION TAKEN Product Suche h
ACTION TAKEN: - Pestart System
SHUTDOWN DATE & TIME: 8.15.16 @ 13:15
0 1-1. 0 12.112
COMMENTS/SUGGESTIONS:
REQUIRED REPORT NOTIFICATION PER SECTION 4.0
IMMEDIATENON-CRITICALROUTINE
INDIVIDUAL NOTIFIED
ACTION/RESPONSE

DATE: 8/29(C)
TIME: 13:05
BY: ELS
SYSTEM NAME: GWMC SYSTEM COMPONENT: ASISHH
REASON FOR REPORT: FARCED SHUTDOWN TO TEST ALALMS
AND FAX REPORTING
REASON FOR SHUTDOWN: TEST ALARM SYSTEM & FAX REPORTING
ACTION TAKEN: RESTART SYSTEM
SHUTDOWN DATE & TIME: 8/29/16 (2:52 START-UP DATE & TIME: 8/29/14 13:25
COMMENTS/SUGGESTIONS:
REQUIRED REPORT NOTIFICATION PER SECTION 4.0
IMMEDIATE NON-CRITICAL ROUTINE
INDIVIDUAL NOTIFIED
ACTION/RESPONSE

DATE: 8.30.16
TIME: \3:00
BY: M.R. \(\frac{1}{2} \) E.S.
SYSTEM NAME: GWMC SYSTEM COMPONENT: SMPLS H
REASON FOR REPORT: System Down Checking Suns High
REASON FOR REPORT: System Down Checking Sump High Auto Shutdown Switch
REASON FOR SHUTDOWN:
· Checking sump Alarm
ACTION TAKEN: Le Start System
SHUTDOWN DATE & TIME: 8.30.19 © 14:54
SHUTDOWN DATE & TIME: 8.30.16 © 14:54 START-UP DATE & TIME: 8.30.16 © 15:10
Confinue to cheek & maintain switch
REQUIRED REPORT NOTIFICATION PER SECTION 4.0
IMMEDIATE NON-CRITICAL ROUTINE
INDIVIDUAL NOTIFIED
ACTION/RESPONSE

DATE: 9.7.16	
TIME: 15.55	
BY: MR	
B1. (***)	
SYSTEM NAME: GWMC	SYSTEM COMPONENT: SMPLSH
	SYSTEM COMPONENT: 3
REASON FOR REPORT:	Kill switch Check
REASON FOR SHUTDOWN: S.A.A.	
ACTION TAKEN: PESTATT SYS	stem after clearing glan
, oo,	7(00)
SHUTDOWN DATE & TIME: 9.7 14	(e) 15:36
	-
START-UP DATE & TIME:	(b) 15:50
COMMENTS/SUGGESTIONS:	
REQUIRED REPORT NOTIFICATION PER SEC	CTION 4.0
IMMEDIATE NON-CF	DOUTINE DOUTINE
IMMEDIATENON-CF	RITICAL ROUTINE

INDIVIDUAL NOTIFIED	
ACTION/RESPONSE	
<u>*</u> 4	

DATE: 9-23-(6/9-30-16
DATE: 9-23-(4/9-30-1)
· ·
TIME: (040
BY: EUS/WJR
SYSTEM NAME: COMPONENT: Proces 3
REASON FOR REPORT: Automatic shutdown of System
\frac{1}{2}
REASON FOR SHUTDOWN: Recovery Well Pump Malfunchioning
ACTION TAKEN: Checked breakers Cleared Fault, Checked Voult of
BR Pump. BR Pump Multination - No RECTART
Replaced BR Aump ; Restaited system
SHUTDOWN DATE & TIME: 9 22 16 19:29
START-UP DATE & TIME: 9/30/16 15:25
COMMENTS/SUGGESTIONS:
Changed out BR Pump 9/20/16
REQUIRED REPORT NOTIFICATION PER SECTION 4.0
IMMEDIATE NON-CRITICAL ROUTINE
INDIVIDUAL NOTIFIED
ACTION/RESPONSE

Attachment G Project Schedule

